

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141622.D
 Acq On : 13 Feb 2025 18:34
 Operator : RC/JU
 Sample : Q1353-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 346MSD

Quant Time: Feb 14 00:36:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							02/14/2025
1) 1,4-Dichlorobenzene-d4	6.787	152	98476	20.000	ng	0.00	Supervised By :mohammad
21) Naphthalene-d8	8.069	136	396174	20.000	ng	0.00	02/15/2025
39) Acenaphthene-d10	9.822	164	211327	20.000	ng	-0.01	
64) Phenanthrene-d10	11.310	188	332942	20.000	ng	0.00	
76) Chrysene-d12	13.951	240	197425	20.000	ng	-0.01	
86) Perylene-d12	15.398	264	194984	20.000	ng	-0.02	
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	685064	109.063	ng	0.00	
7) Phenol-d6	6.434	99	851118	107.205	ng	0.00	
23) Nitrobenzene-d5	7.351	82	565700	74.477	ng	-0.01	
42) 2,4,6-Tribromophenol	10.616	330	223132	105.108	ng	-0.01	
45) 2-Fluorobiphenyl	9.145	172	1052924	76.762	ng	0.00	
79) Terphenyl-d14	12.892	244	938410	80.243	ng	-0.01	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	111834	44.236	ng		99
3) Pyridine	3.322	79	238690	39.676	ng		97
4) n-Nitrosodimethylamine	3.281	42	167596	42.073	ng		95
6) Aniline	6.457	93	127831	17.165	ng	#	71
8) 2-Chlorophenol	6.575	128	314076	46.274	ng		100
9) Benzaldehyde	6.334	77	162629	38.548	ng		100
10) Phenol	6.445	94	368256	44.566	ng		82
11) bis(2-Chloroethyl)ether	6.522	93	300135	48.358	ng		99
12) 1,3-Dichlorobenzene	6.728	146	324212	45.246	ng		98
13) 1,4-Dichlorobenzene	6.804	146	331906	45.336	ng		99
14) 1,2-Dichlorobenzene	6.951	146	315431	46.422	ng		99
15) Benzyl Alcohol	6.934	79	250130	41.085	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	463625	43.638	ng		71
17) 2-Methylphenol	7.051	107	240277	45.238	ng		95
18) Hexachloroethane	7.292	117	123742	45.671	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	218545	46.020	ng		96
20) 3+4-Methylphenols	7.210	107	320141	47.428	ng	#	73
22) Acetophenone	7.198	105	481125	48.820	ng		93
24) Nitrobenzene	7.369	77	327428	44.207	ng		100
25) Isophorone	7.610	82	579303	47.833	ng		99
26) 2-Nitrophenol	7.687	139	170380	46.237	ng		95
27) 2,4-Dimethylphenol	7.728	122	247112	57.403	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	357004	46.003	ng		100
29) 2,4-Dichlorophenol	7.939	162	267034	45.910	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	285180	45.024	ng		99
31) Naphthalene	8.092	128	921143	44.667	ng		100
32) Benzoic acid	7.875	122	193610	43.299	ng		98
33) 4-Chloroaniline	8.163	127	50134	6.963	ng		99
34) Hexachlorobutadiene	8.204	225	175601	46.181	ng		99
35) Caprolactam	8.522	113	89591m	50.590	ng		
36) 4-Chloro-3-methylphenol	8.639	107	281580	43.704	ng		99
37) 2-Methylnaphthalene	8.781	142	581335	43.320	ng		100
38) 1-Methylnaphthalene	8.881	142	561085	43.169	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	309619	50.641	ng		99
41) Hexachlorocyclopentadiene	8.934	237	277132	136.280	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	180984	45.801	ng		99

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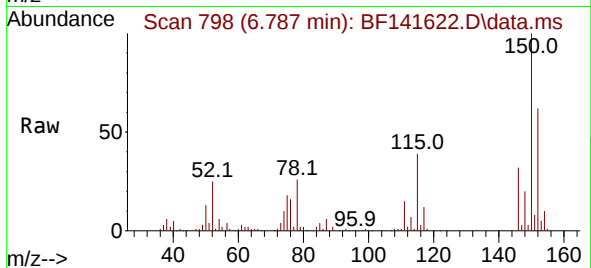
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	192104	44.858	ng	99
46) 1,1'-Biphenyl	9.245	154	828189	50.549	ng	100
47) 2-Chloronaphthalene	9.269	162	559936	46.217	ng	100
48) 2-Nitroaniline	9.375	65	183579	45.151	ng	97
49) Acenaphthylene	9.686	152	851076	47.229	ng	99
50) Dimethylphthalate	9.551	163	669899	46.694	ng	99
51) 2,6-Dinitrotoluene	9.616	165	143939	45.896	ng	96
52) Acenaphthene	9.857	154	553304	45.672	ng	99
53) 3-Nitroaniline	9.781	138	76840	22.764	ng	98
54) 2,4-Dinitrophenol	9.898	184	174352	93.539	ng	93
55) Dibenzofuran	10.028	168	782310	43.994	ng	100
56) 4-Nitrophenol	9.963	139	201335	80.349	ng	96
57) 2,4-Dinitrotoluene	10.022	165	190824	45.705	ng	95
58) Fluorene	10.375	166	612305	44.534	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	155988	42.308	ng	98
60) Diethylphthalate	10.245	149	641262	45.431	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	296174	44.776	ng	99
62) 4-Nitroaniline	10.398	138	130225	37.994	ng	98
63) Azobenzene	10.522	77	667147	47.544	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	108706	47.002	ng	97
66) n-Nitrosodiphenylamine	10.486	169	529786	49.709	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	180677	48.555	ng	97
68) Hexachlorobenzene	10.922	284	186672	48.718	ng	99
69) Atrazine	11.016	200	187643	58.687	ng	99
70) Pentachlorophenol	11.122	266	202757	82.756	ng	99
71) Phenanthrene	11.333	178	959629	52.362	ng	100
72) Anthracene	11.386	178	879507	47.739	ng	100
73) Carbazole	11.545	167	714592	43.108	ng	100
74) Di-n-butylphthalate	11.869	149	936556	48.930	ng	100
75) Fluoranthene	12.522	202	919428	47.320	ng	100
77) Benzidine	12.651	184	122134	28.050	ng	99
78) Pyrene	12.751	202	877504	52.213	ng	100
80) Butylbenzylphthalate	13.369	149	313519	53.858	ng	99
81) Benzo(a)anthracene	13.939	228	657339	50.089	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	147593	39.261	ng	99
83) Chrysene	13.974	228	608834	50.244	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	421005	64.125	ng	99
85) Di-n-octyl phthalate	14.545	149	675420	72.113	ng	99
87) Indeno(1,2,3-cd)pyrene	16.839	276	552012	45.818	ng	99
88) Benzo(b)fluoranthene	14.980	252	614700	46.951	ng	100
89) Benzo(k)fluoranthene	15.010	252	577212	51.631	ng	99
90) Benzo(a)pyrene	15.339	252	562324	53.080	ng	99
91) Dibenzo(a,h)anthracene	16.851	278	439480	45.018	ng	100
92) Benzo(g,h,i)perylene	17.268	276	413262	40.453	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

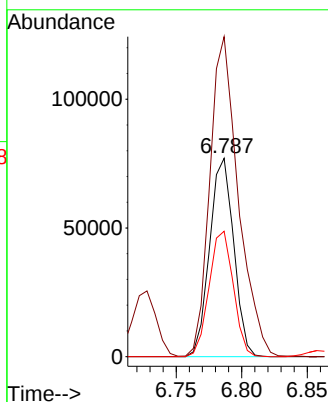
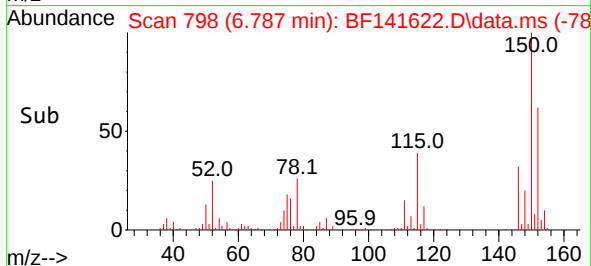
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:152 Resp: 98470
Ion Ratio Lower Upper
152 100
150 161.3 125.0 187.4
115 63.2 53.6 80.4

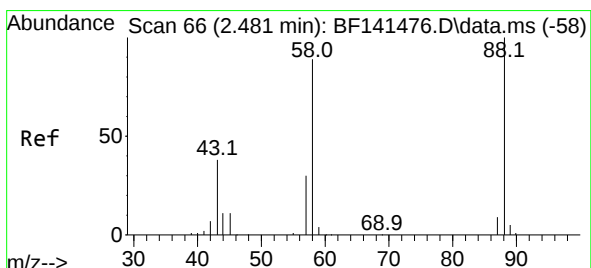
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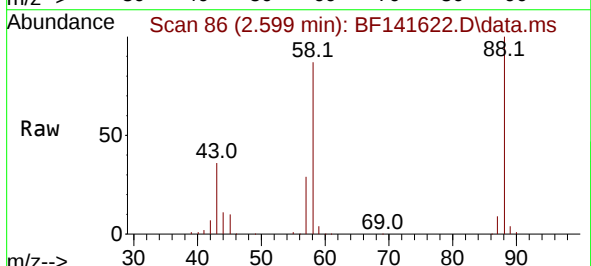


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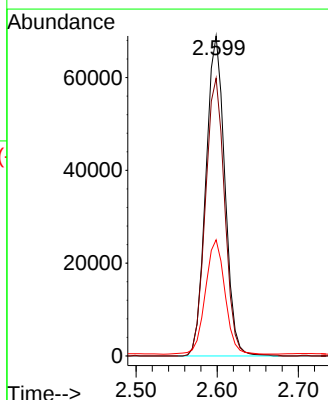
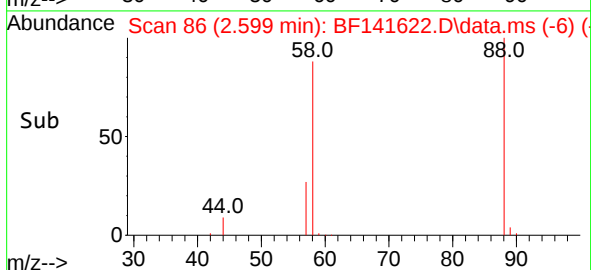
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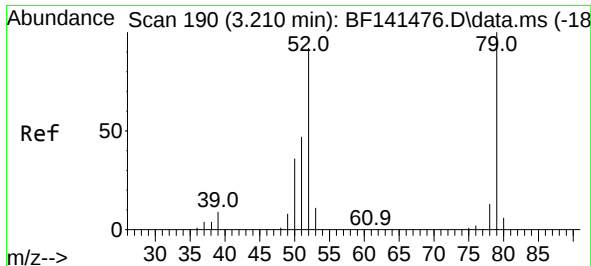


#2
1,4-Dioxane
Concen: 44.236 ng
RT: 2.599 min Scan# 86
Delta R.T. 0.118 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34



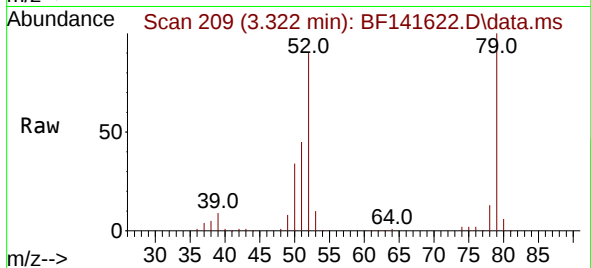
Tgt Ion: 88 Resp: 111834
Ion Ratio Lower Upper
88 100
58 88.3 71.1 106.7
43 36.9 30.6 46.0





#3
Pyridine
Concen: 39.676 ng
RT: 3.322 min Scan# 209
Delta R.T. 0.106 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

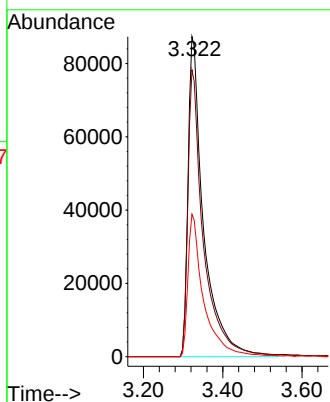
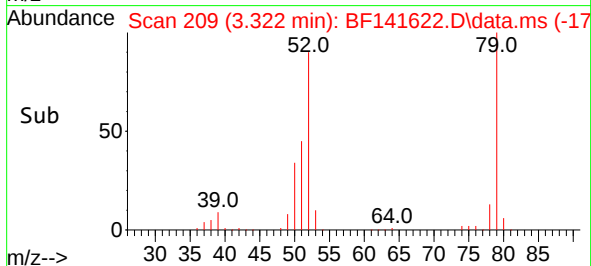
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion: 79 Resp: 238690
Ion Ratio Lower Upper
79 100
52 89.6 73.7 110.5
51 44.5 37.5 56.3

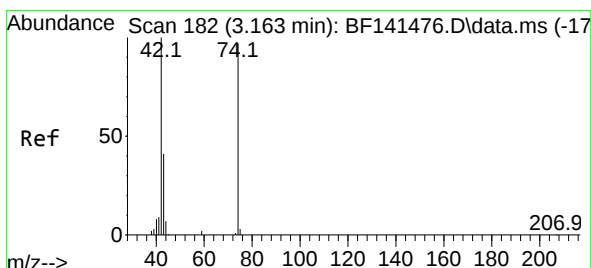
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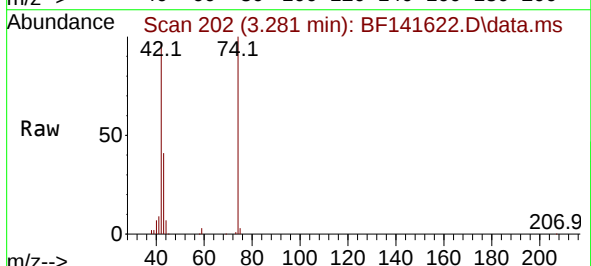


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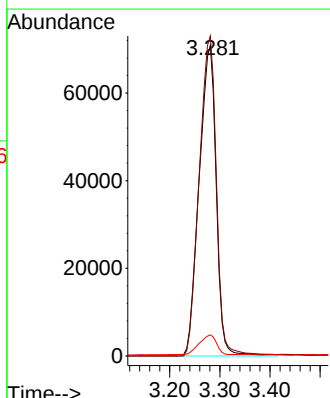
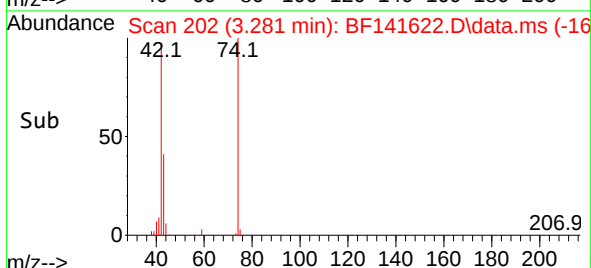
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#4
n-Nitrosodimethylamine
Concen: 42.073 ng
RT: 3.281 min Scan# 202
Delta R.T. 0.094 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34



Tgt Ion: 42 Resp: 167596
Ion Ratio Lower Upper
42 100
74 103.0 78.0 117.0
44 6.8 5.4 8.2





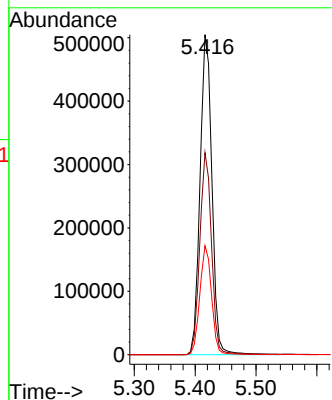
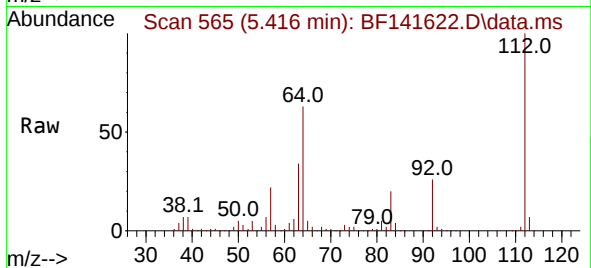
#5
2-Fluorophenol
Concen: 109.063 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Instrument :
BNA_F
ClientSampleId :
346MSD

Tgt Ion:112 Resp: 685064
Ion Ratio Lower Upper
112 100
64 63.2 51.1 76.7
63 34.1 28.4 42.6

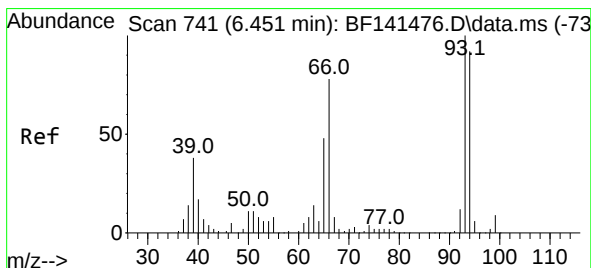
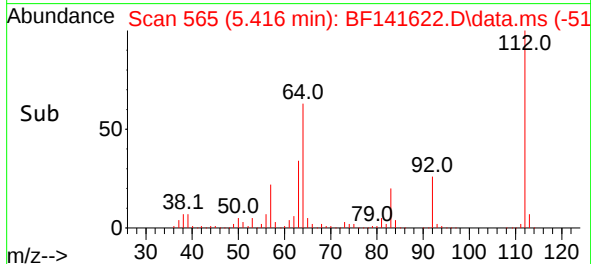
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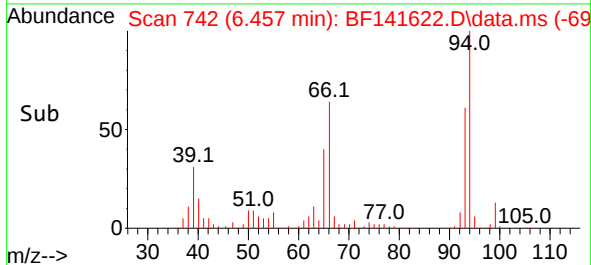
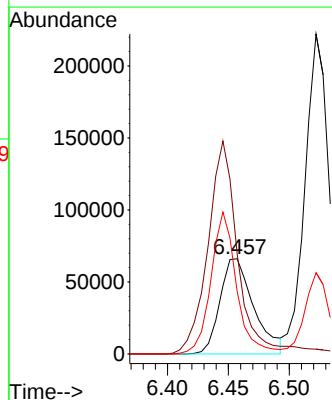
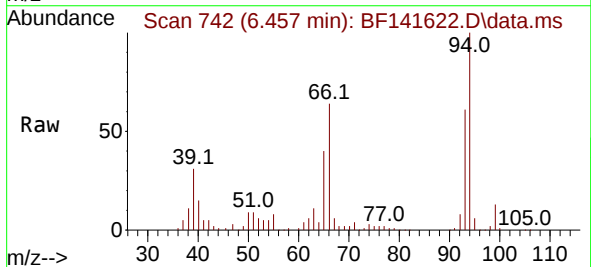
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#6
Aniline
Concen: 17.165 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

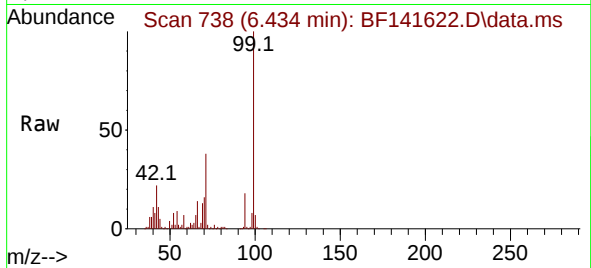
Tgt Ion: 93 Resp: 127831
Ion Ratio Lower Upper
93 100
66 105.0 62.6 94.0#
65 65.8 38.3 57.5#





#7
Phenol-d6
Concen: 107.205 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

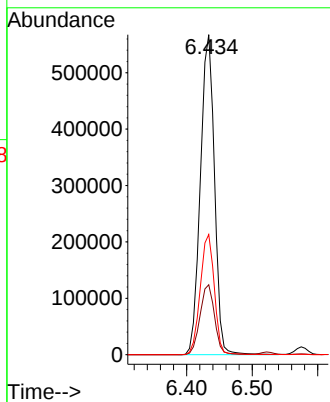
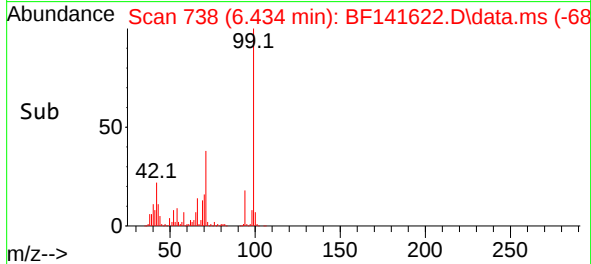
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Tgt Ion: 99 Resp: 851118
Ion Ratio Lower Upper
99 100
42 21.8 19.1 28.7
71 37.5 31.1 46.7

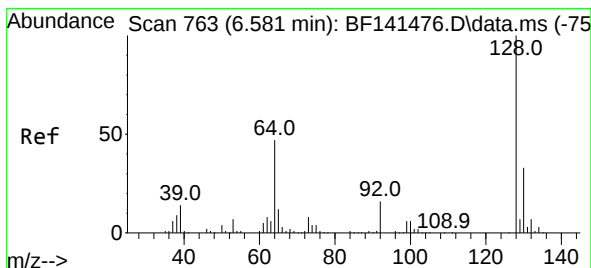
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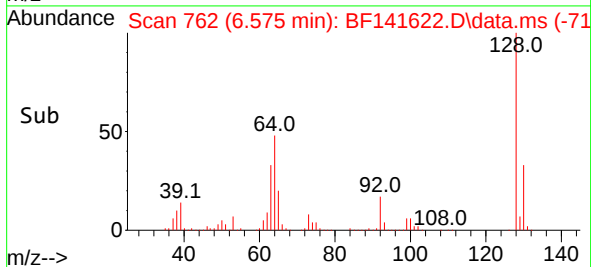
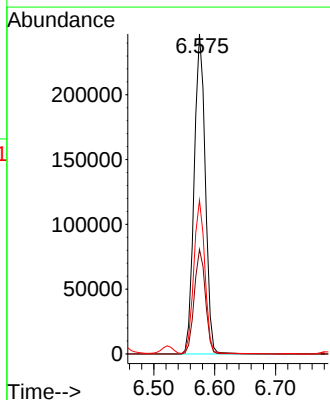
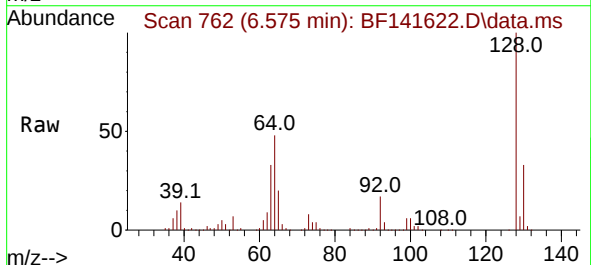
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ahmed

02/15/2025



#8
2-Chlorophenol
Concen: 46.274 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

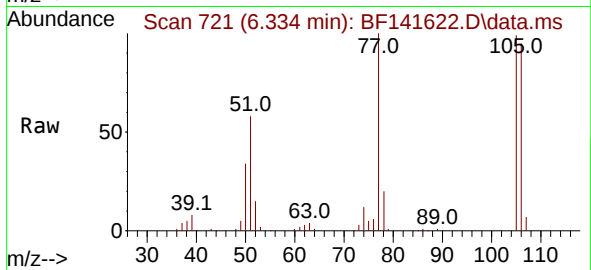
Tgt Ion:128 Resp: 314076
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 48.0 28.3 68.3





#9
Benzaldehyde
Concen: 38.548 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

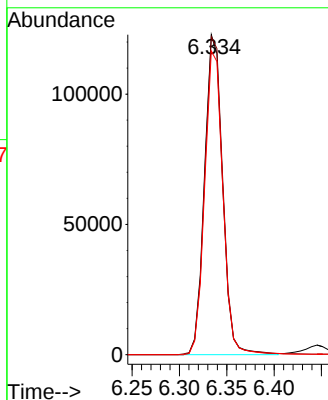
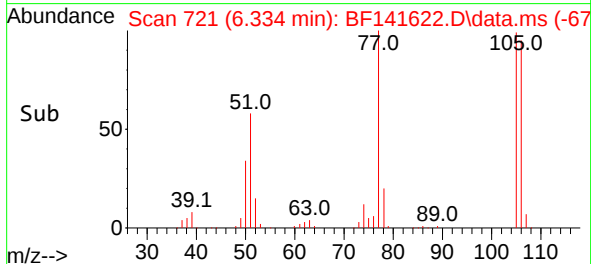
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Tgt Ion: 77 Resp: 162629
Ion Ratio Lower Upper
77 100
105 99.4 79.4 119.4
106 94.9 75.1 115.1

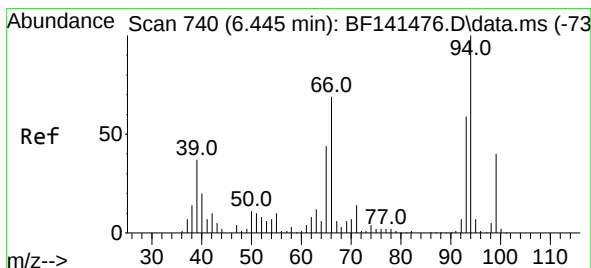
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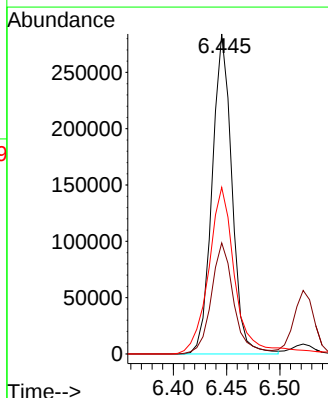
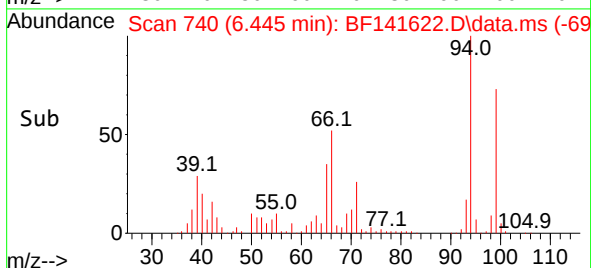
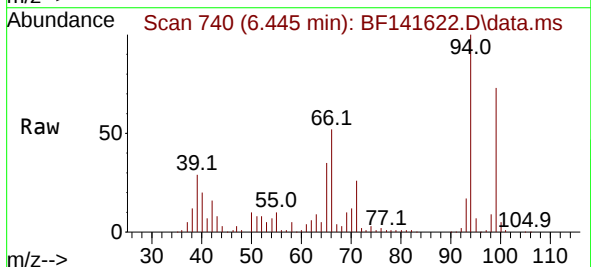
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Supervised By :mohammad
ahmed

02/15/2025



#10
Phenol
Concen: 44.566 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion: 94 Resp: 368256
Ion Ratio Lower Upper
94 100
65 34.7 23.7 63.7
66 52.0 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 48.358 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Instrument :

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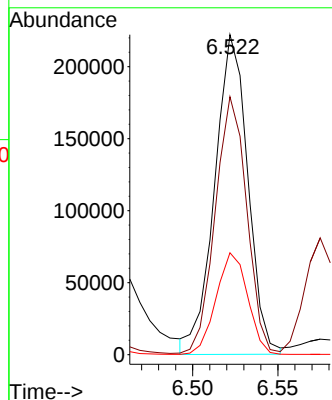
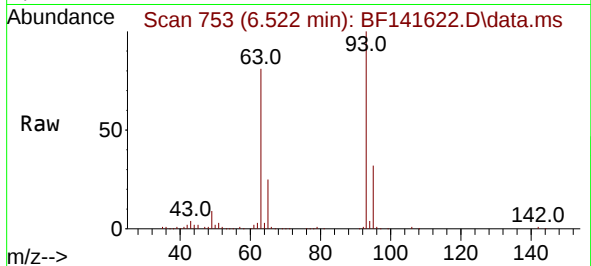
ClientSampleId :

346MSD

Tgt Ion: 93 Resp: 30013
Ion Ratio Lower Upper
93 100
63 80.6 62.0 102.0
95 31.9 12.6 52.6

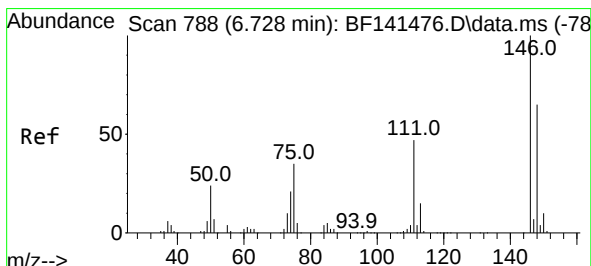
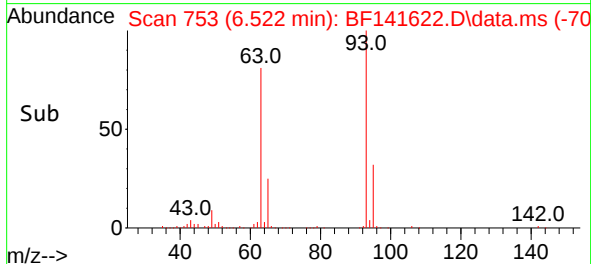
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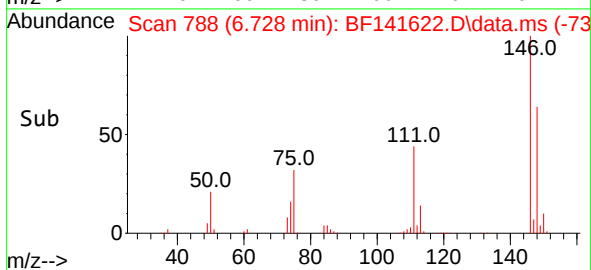
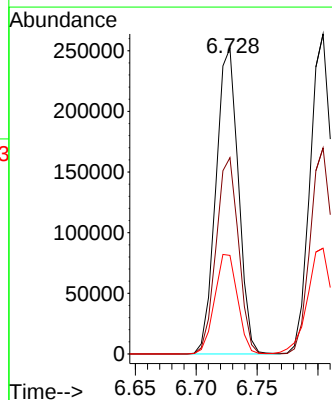
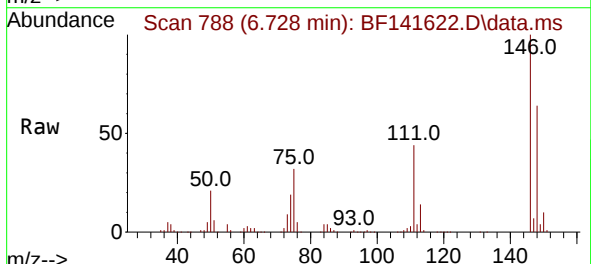
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ahmed

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#12
1,3-Dichlorobenzene
Concen: 45.246 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:146 Resp: 324212
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
75 32.2 28.2 42.2





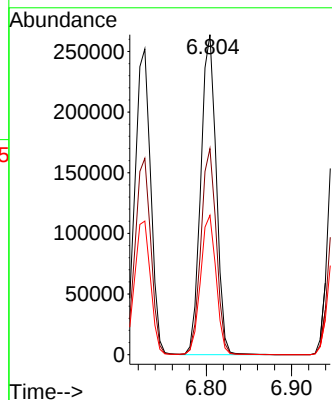
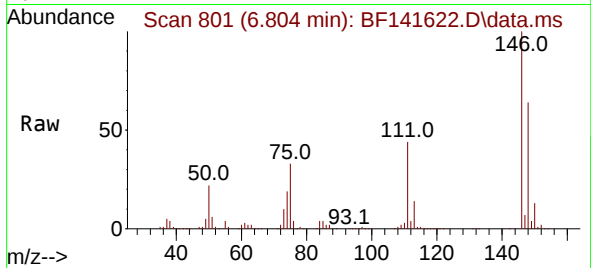
#13
1,4-Dichlorobenzene
Concen: 45.336 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Instrument :
BNA_F
ClientSampleId :
346MSD

Tgt Ion:146 Resp: 331900
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
111 43.6 35.9 53.9

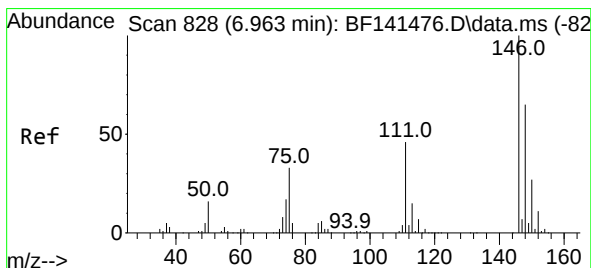
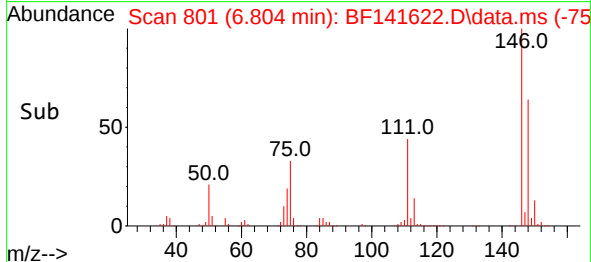
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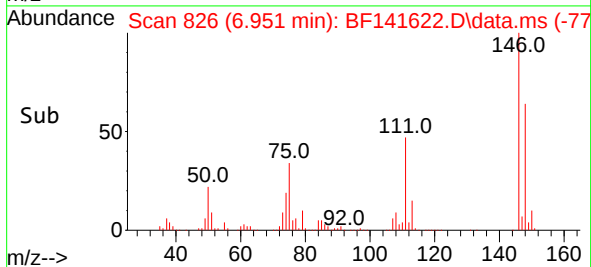
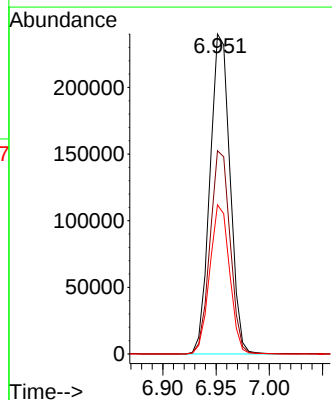
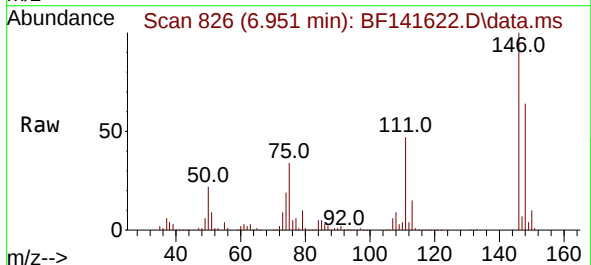
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Supervised By :mohammad
ahmed

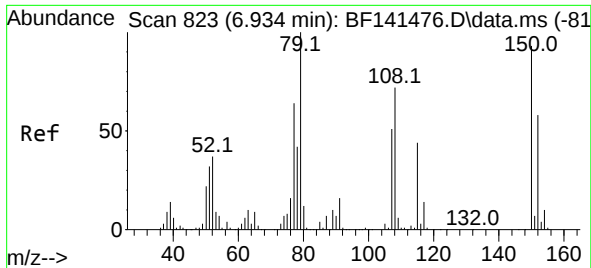
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#14
1,2-Dichlorobenzene
Concen: 46.422 ng
RT: 6.951 min Scan# 826
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

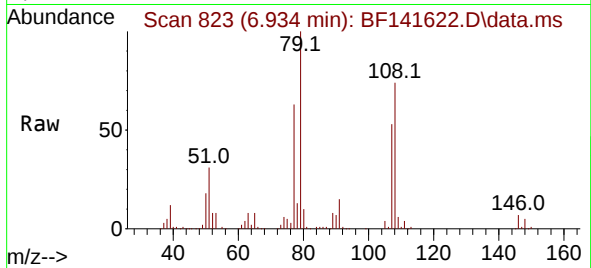
Tgt Ion:146 Resp: 315431
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
111 46.6 37.0 55.4





#15
Benzyl Alcohol
Concen: 41.085 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

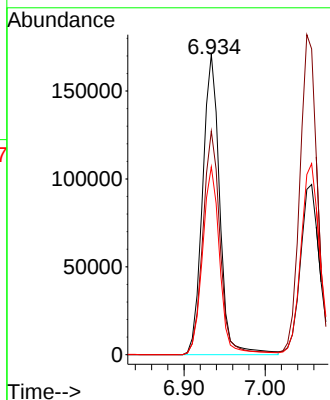
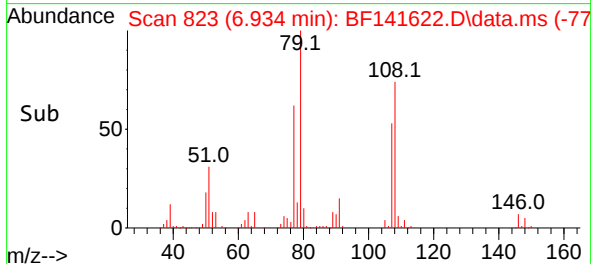
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion: 79 Resp: 250130
Ion Ratio Lower Upper
79 100
108 74.4 57.4 86.2
77 62.6 50.9 76.3

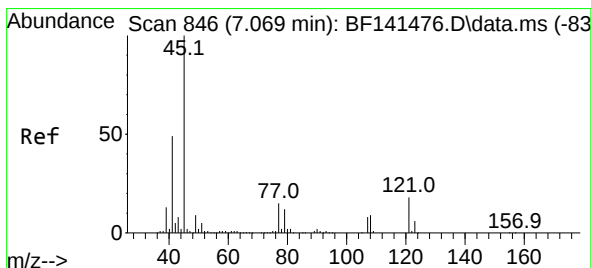
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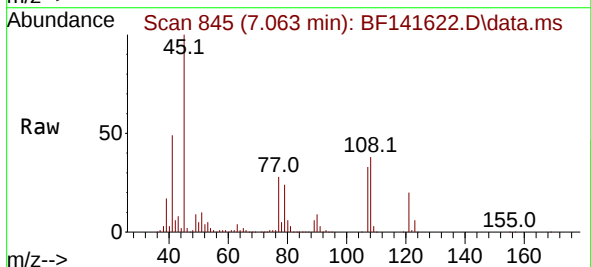


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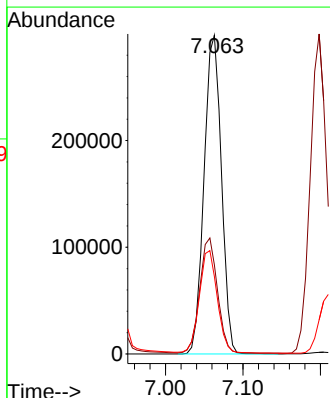
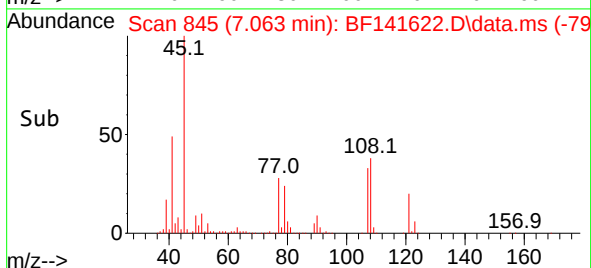
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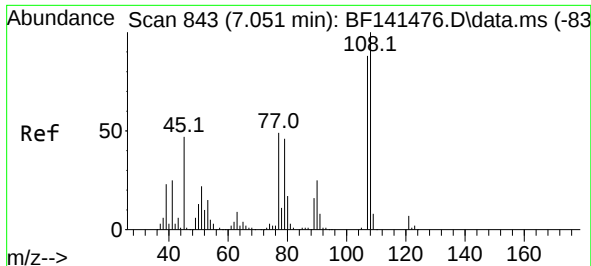


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.638 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34



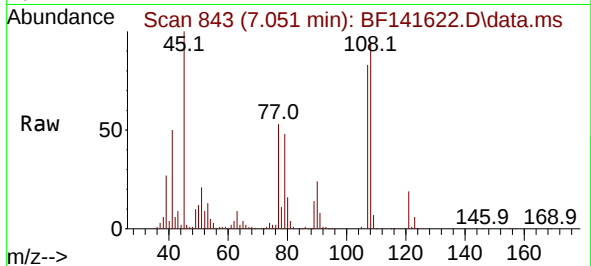
Tgt Ion: 45 Resp: 463625
Ion Ratio Lower Upper
45 100
77 28.0 0.0 35.8
79 24.4 0.0 32.7





#17
2-Methylphenol
Concen: 45.238 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

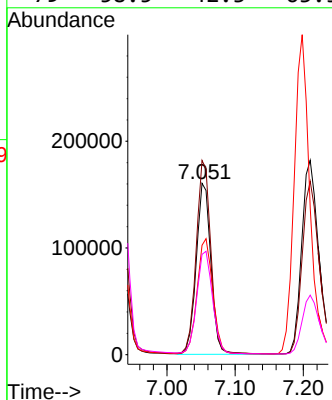
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:107	Resp: 24027
Ion Ratio	Lower Upper
107 100	
108 113.4	90.6 136.0
77 63.9	44.4 66.6
79 58.5	42.3 63.5

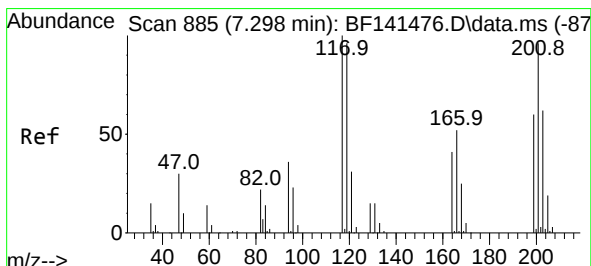
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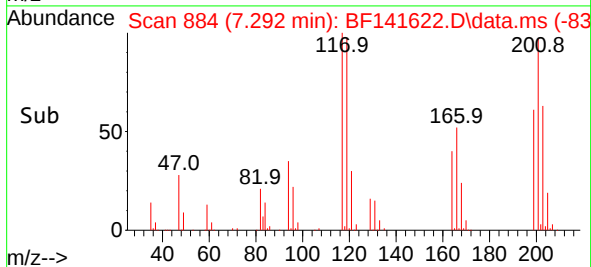
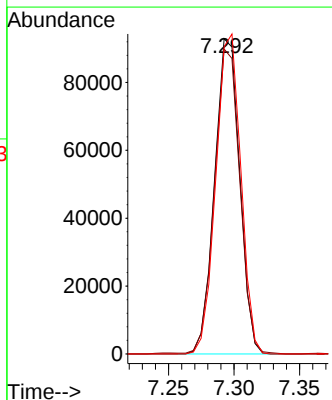
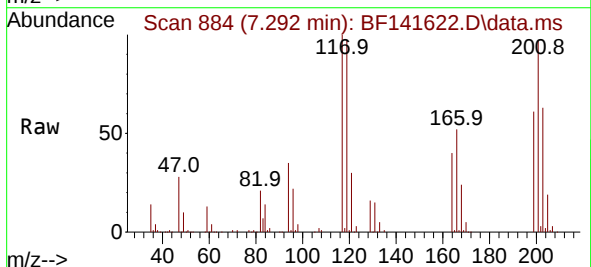
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#18
Hexachloroethane
Concen: 45.671 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:117	Resp: 123742
Ion Ratio	Lower Upper
117 100	
119 96.7	76.5 114.7
201 97.5	76.7 115.1





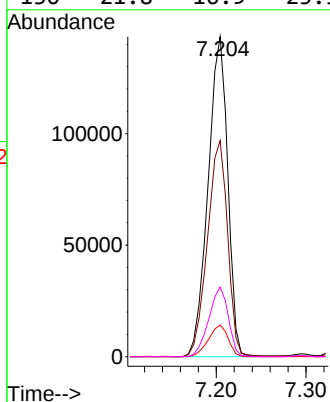
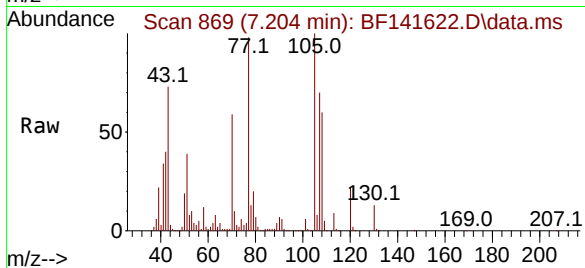
#19
n-Nitroso-di-n-propylamine
Concen: 46.020 ng
RT: 7.204 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Instrument :
BNA_F
ClientSampleId :
346MSD

Tgt Ion: 70 Resp: 21854
Ion Ratio Lower Upper
70 100
42 67.5 57.4 86.2
101 9.9 8.0 12.0
130 21.8 16.9 25.3

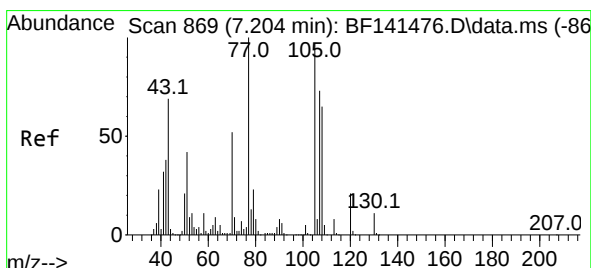
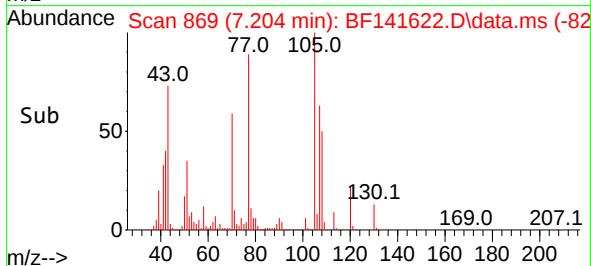
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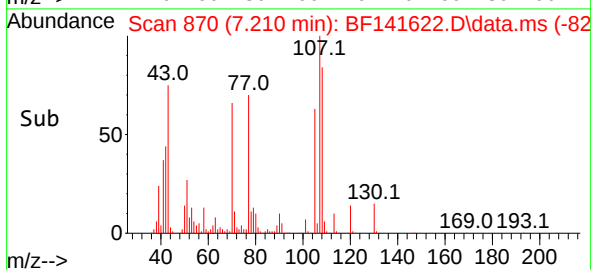
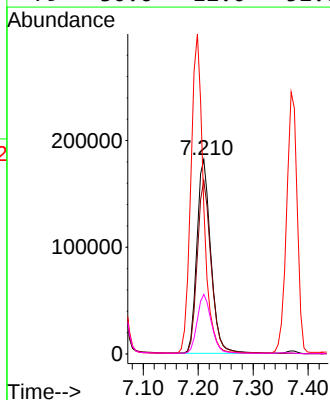
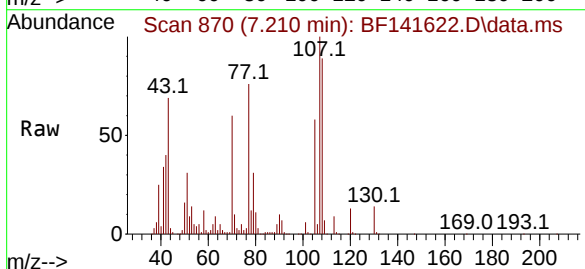
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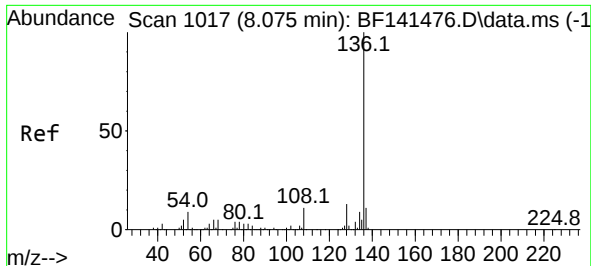
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#20
3+4-Methylphenols
Concen: 47.428 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

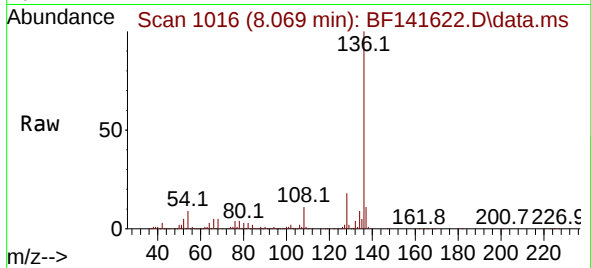
Tgt Ion:107 Resp: 320141
Ion Ratio Lower Upper
107 100
108 89.2 68.5 108.5
77 75.8 116.5 156.5#
79 30.6 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

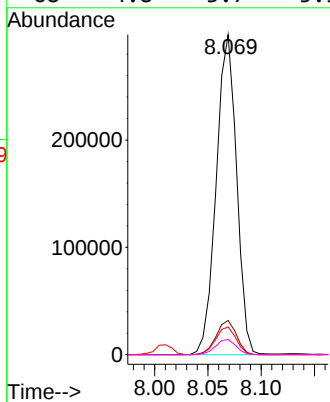
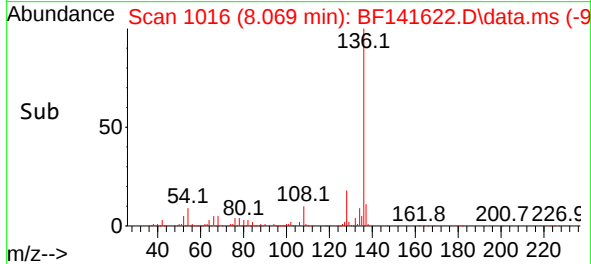
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:136 Resp: 396174
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.7 7.2 10.8
68 4.8 3.7 5.5

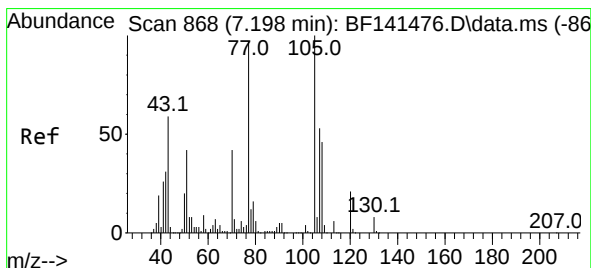
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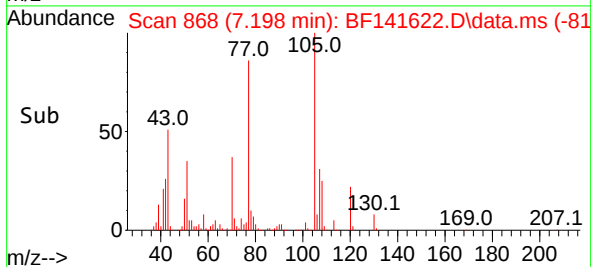
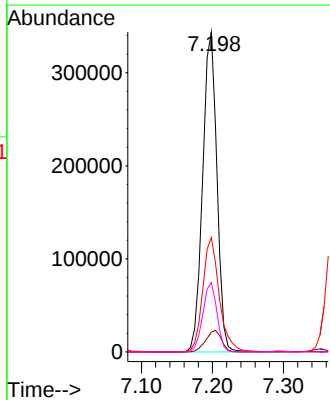
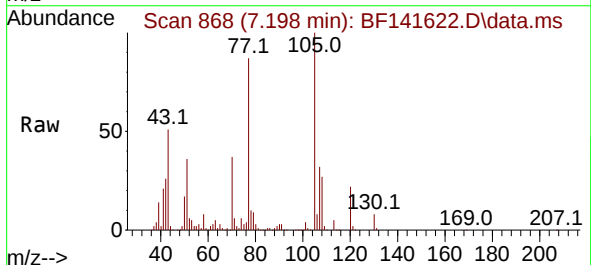
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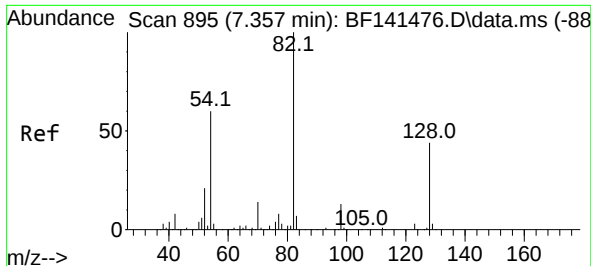
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#22
Acetophenone
Concen: 48.820 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:105 Resp: 481125
Ion Ratio Lower Upper
105 100
71 6.2 5.7 8.5
51 35.8 33.7 50.5
120 21.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 74.477 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

Tgt Ion: 82 Resp: 565700

Ion Ratio Lower Upper

82 100

128 44.0 34.8 52.2

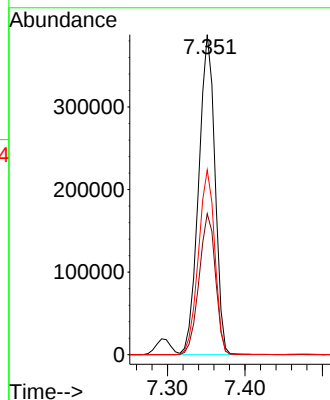
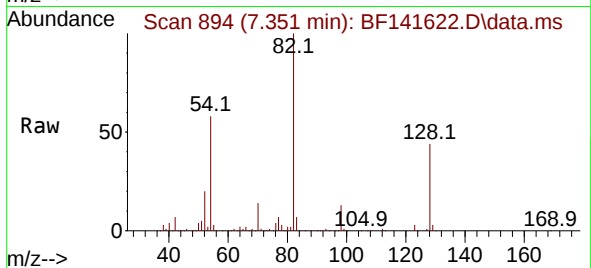
54 57.8 48.2 72.4

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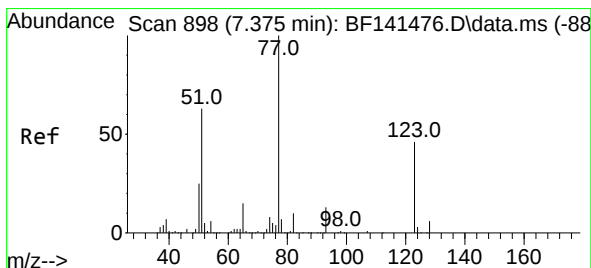
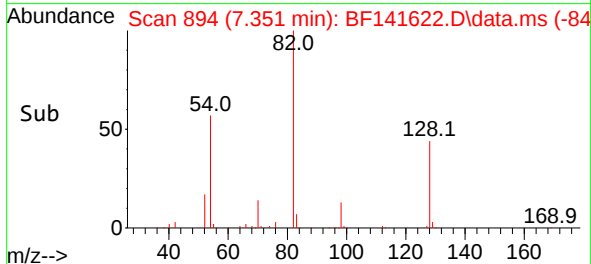
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#24

Nitrobenzene

Concen: 44.207 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

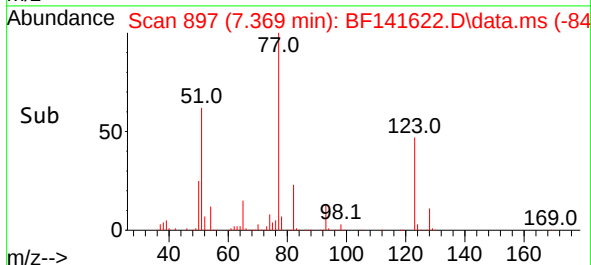
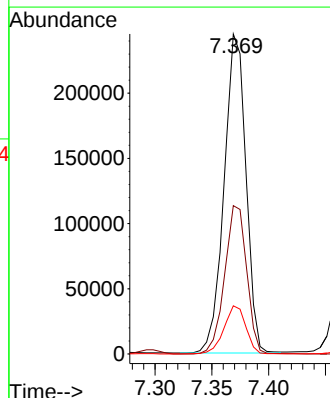
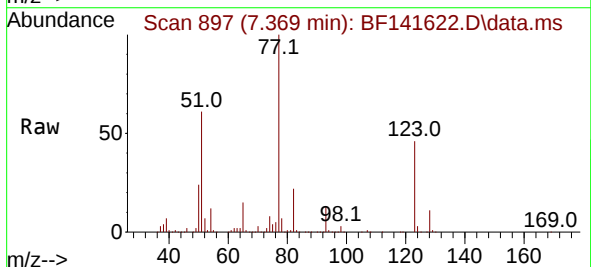
Tgt Ion: 77 Resp: 327428

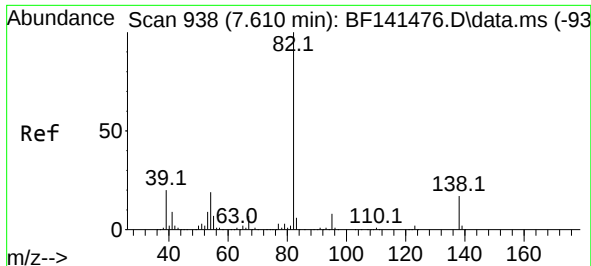
Ion Ratio Lower Upper

77 100

123 46.4 36.9 55.3

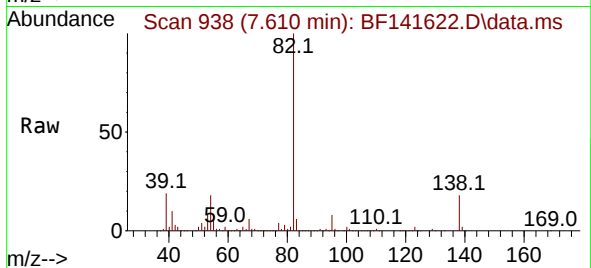
65 15.1 11.9 17.9





#25
Isophorone
Concen: 47.833 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

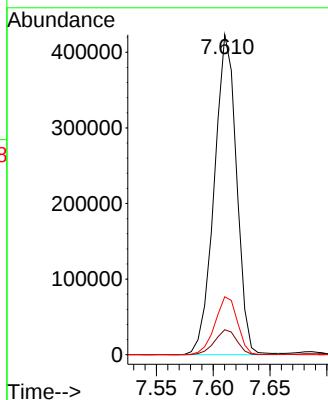
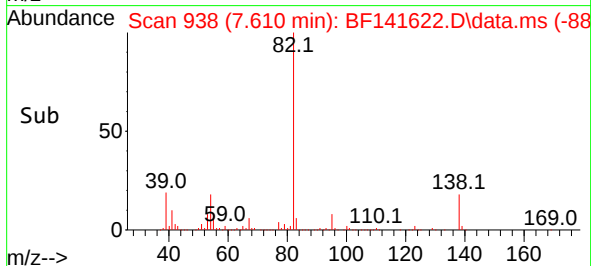
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion: 82 Resp: 57930
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.1 13.9 20.9

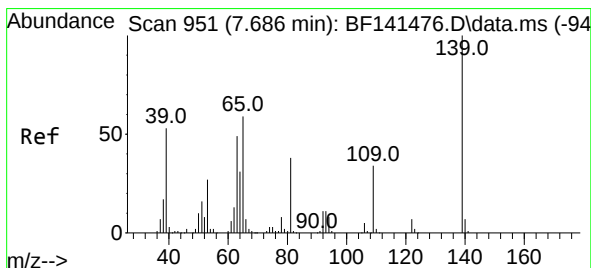
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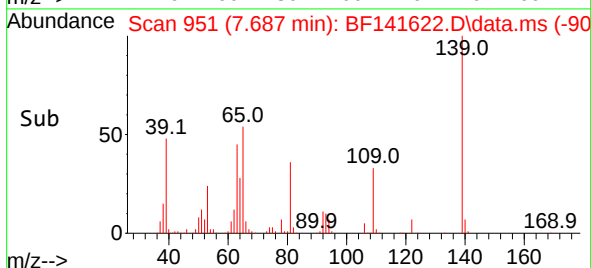
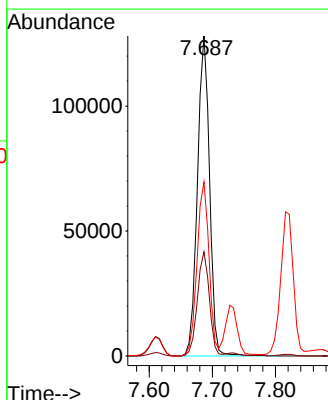
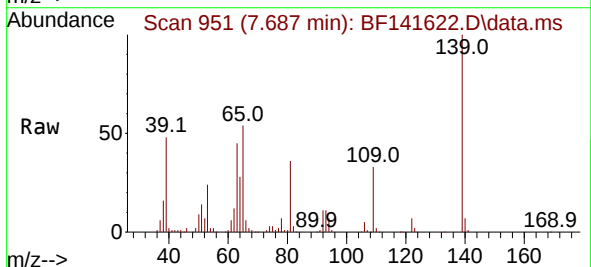
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ahmed

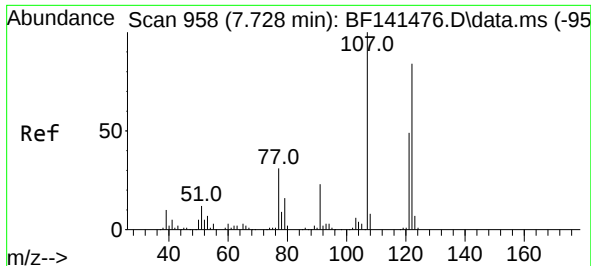
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#26
2-Nitrophenol
Concen: 46.237 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:139 Resp: 170380
Ion Ratio Lower Upper
139 100
109 32.6 27.0 40.6
65 54.4 47.1 70.7





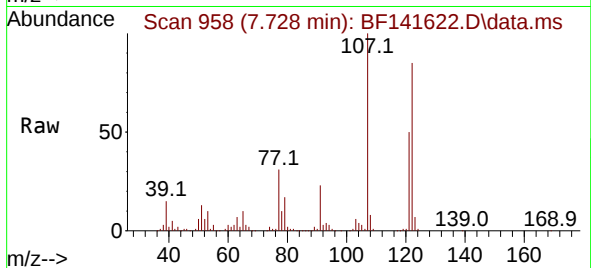
#27
2,4-Dimethylphenol
Concen: 57.403 ng
RT: 7.728 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

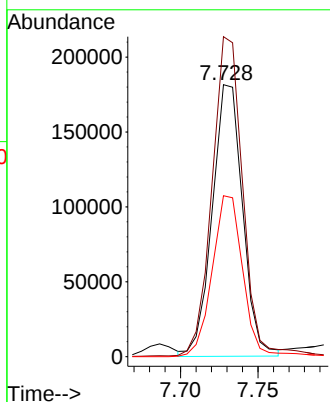
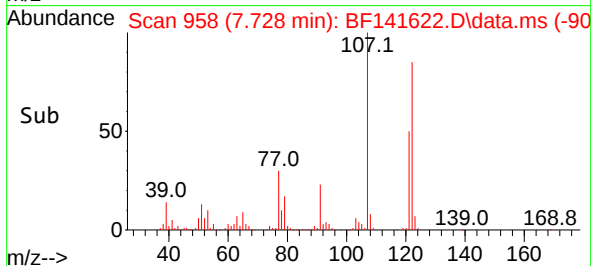
346MSD



Tgt Ion:122 Resp: 247112
Ion Ratio Lower Upper
122 100
107 117.6 94.3 141.5
121 59.1 46.0 69.0

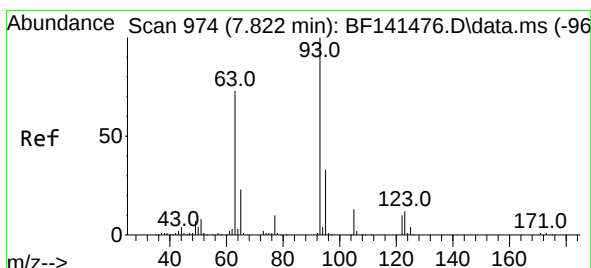
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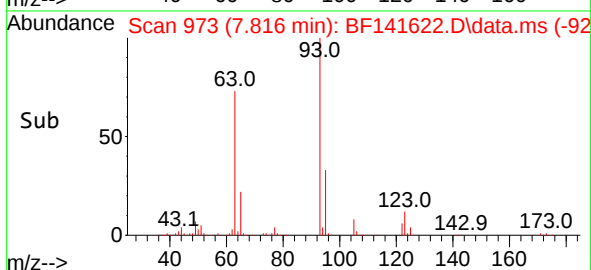
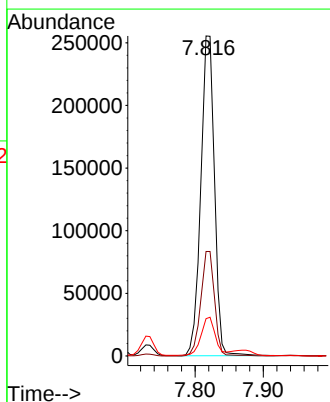
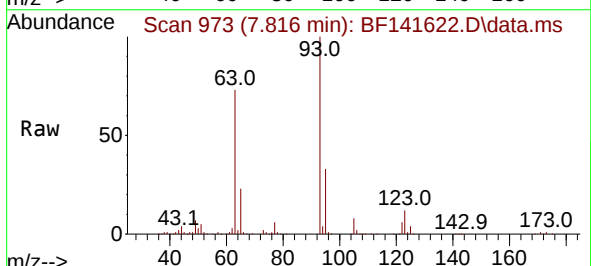
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Supervised By :mohammad
ahmed

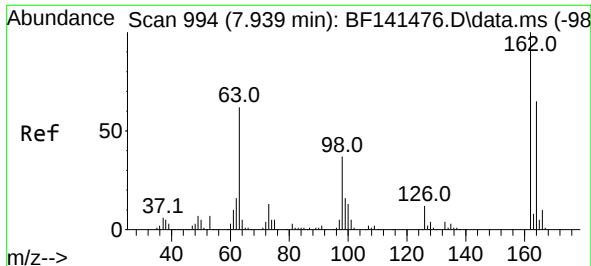
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#28
bis(2-Chloroethoxy)methane
Concen: 46.003 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

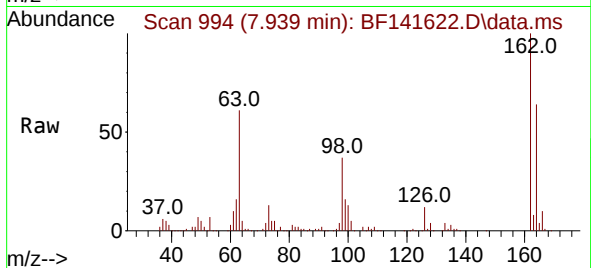
Tgt Ion: 93 Resp: 357004
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.7 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 45.910 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

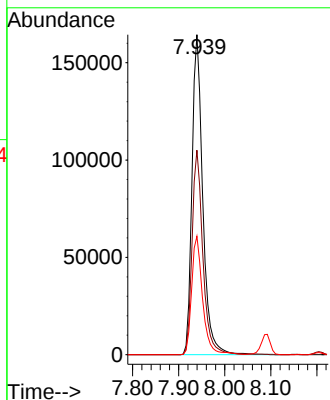
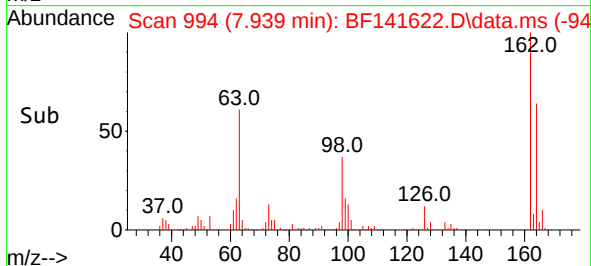
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:162 Resp: 267034
Ion Ratio Lower Upper
162 100
164 63.9 44.6 84.6
98 37.0 17.2 57.2

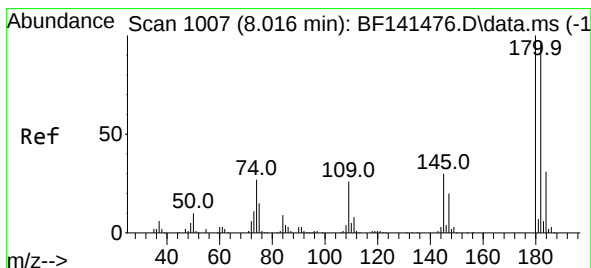
Manual Integrations
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Reviewed By :Rahul
Chavli

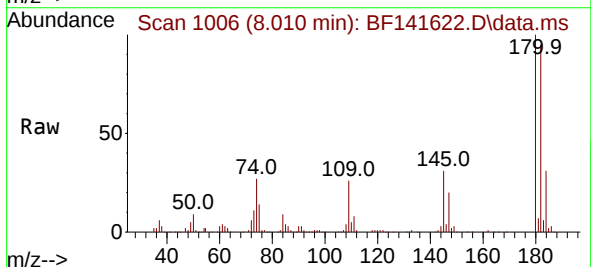


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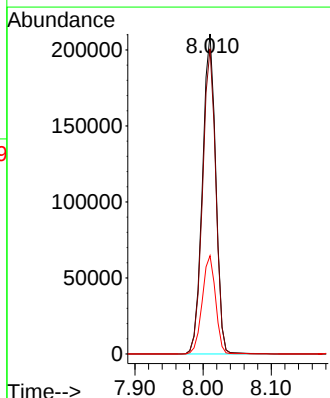
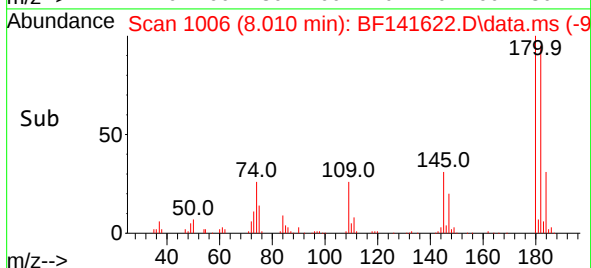
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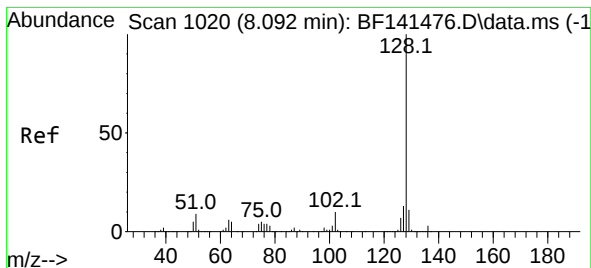


#30
1,2,4-Trichlorobenzene
Concen: 45.024 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34



Tgt Ion:180 Resp: 285180
Ion Ratio Lower Upper
180 100
182 95.4 76.8 115.2
145 30.7 24.2 36.4





#31

Naphthalene

Concen: 44.667 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

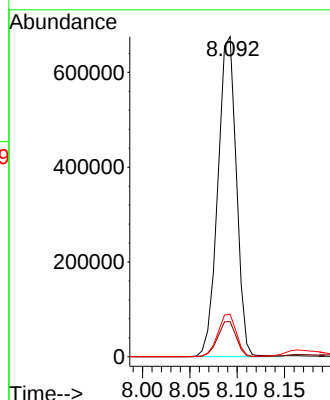
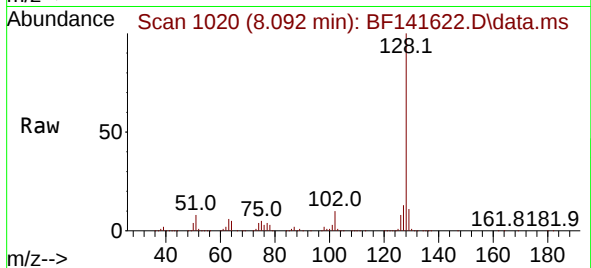
346MSD

Tgt Ion:128 Resp: 92114

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.3	10.7	16.1

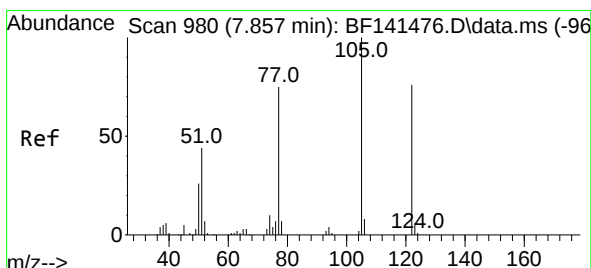
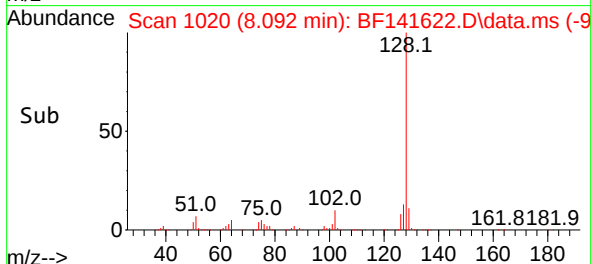
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#32

Benzoic acid

Concen: 43.299 ng

RT: 7.875 min Scan# 983

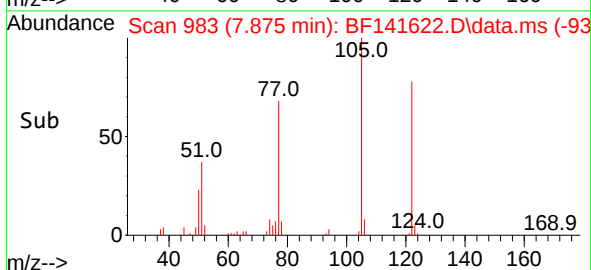
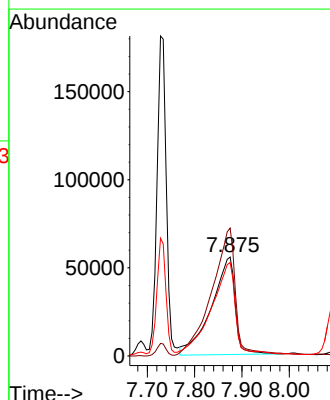
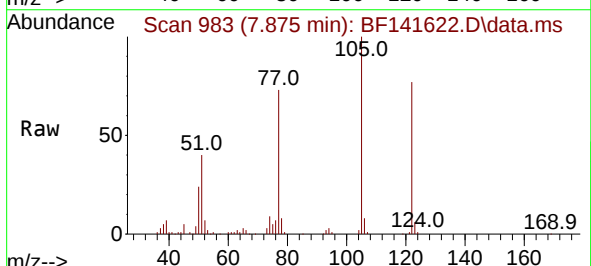
Delta R.T. -0.018 min

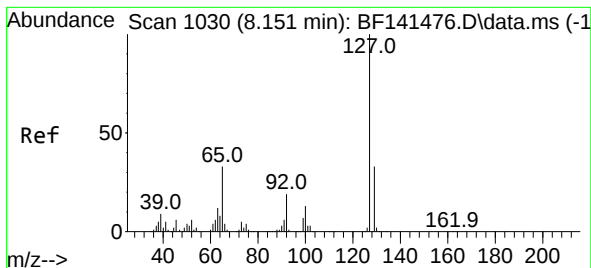
Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Tgt Ion:122 Resp: 193610

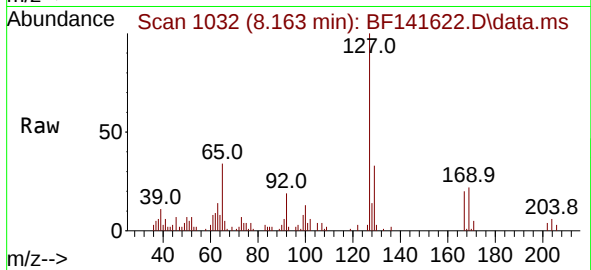
Ion	Ratio	Lower	Upper
122	100		
105	129.3	106.5	146.5
77	94.5	76.3	116.3





#33
4-Chloroaniline
Concen: 6.963 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

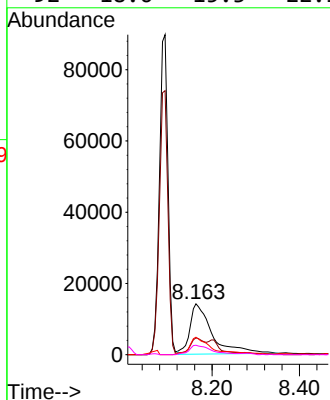
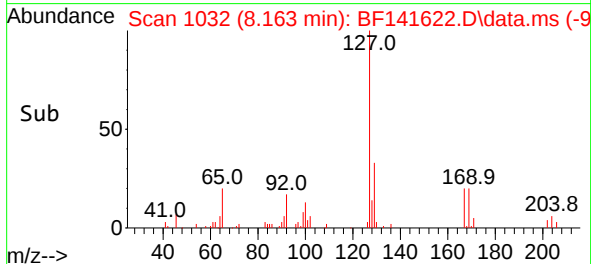
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:	127	Resp:	50134
Ion Ratio	100	Lower	Upper
127	100		
129	33.1	26.5	39.7
65	34.2	26.4	39.6
92	18.6	15.3	22.9

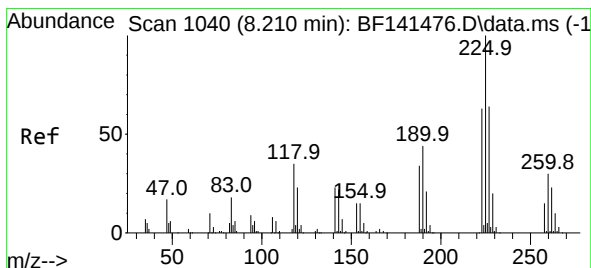
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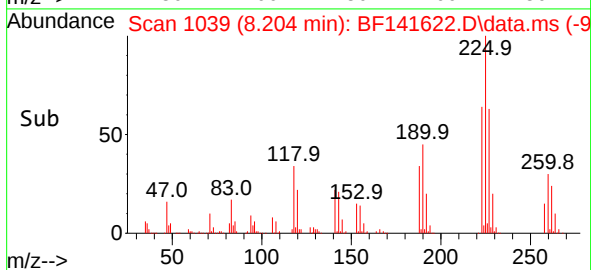
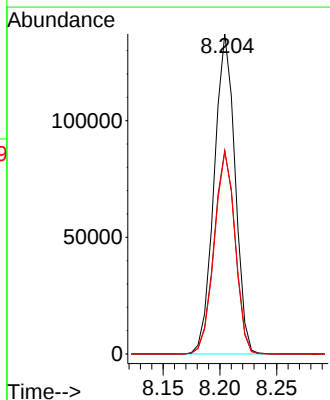
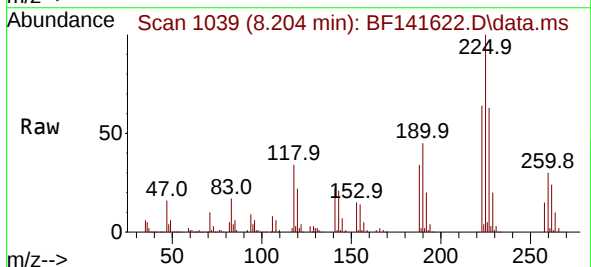
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ahmed

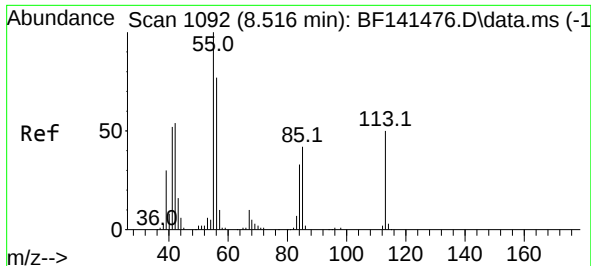
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#34
Hexachlorobutadiene
Concen: 46.181 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

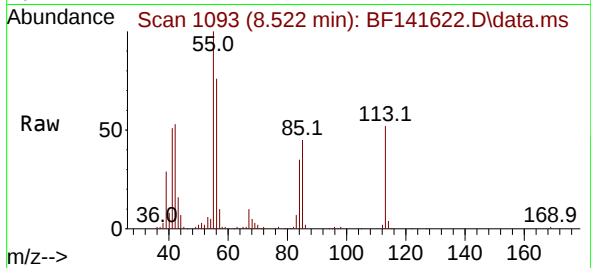
Tgt Ion:	225	Resp:	175601
Ion Ratio	100	Lower	Upper
225	100		
223	63.6	50.1	75.1
227	63.2	51.0	76.6





#35
Caprolactam
Concen: 50.590 ng m
RT: 8.522 min Scan# 1092
Delta R.T. -0.023 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

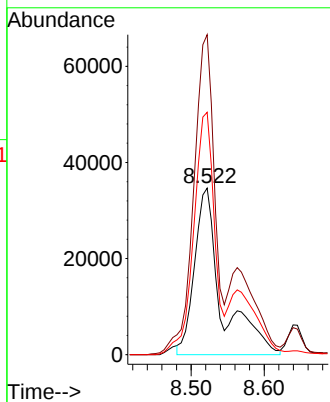
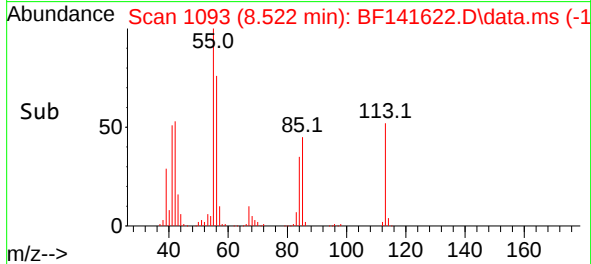
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:113 Resp: 8959
Ion Ratio Lower Upper
113 100
55 192.2 180.8 220.8
56 145.5 133.6 173.6

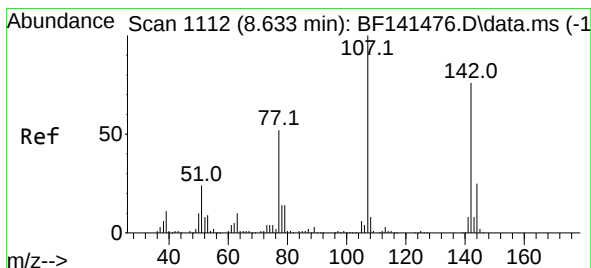
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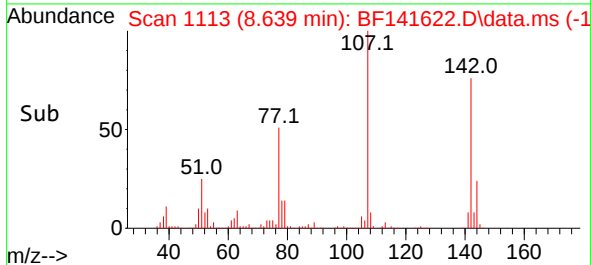
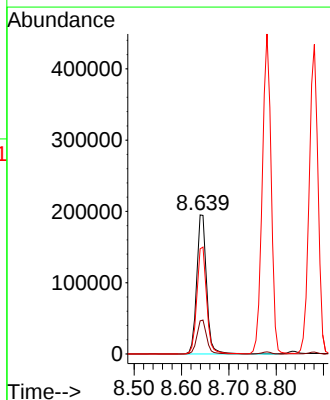
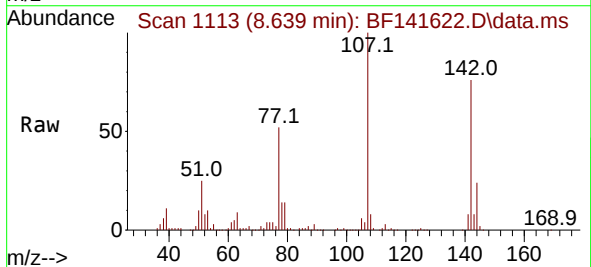
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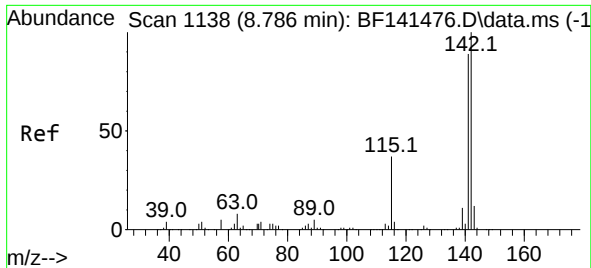
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#36
4-Chloro-3-methylphenol
Concen: 43.704 ng
RT: 8.639 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:107 Resp: 281580
Ion Ratio Lower Upper
107 100
144 23.8 19.7 29.5
142 75.7 60.8 91.2





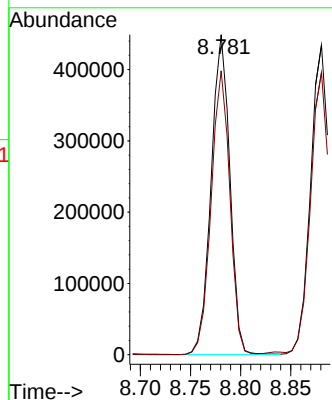
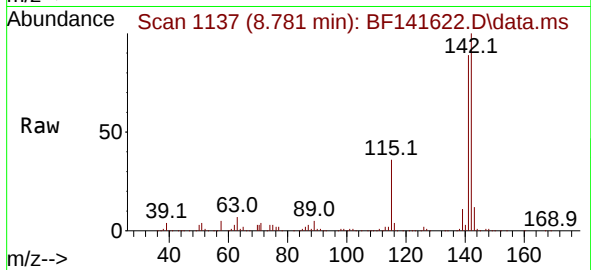
#37
2-Methylnaphthalene
Concen: 43.320 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Instrument :
BNA_F
ClientSampleId :
346MSD

Tgt Ion:142 Resp: 58133
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8

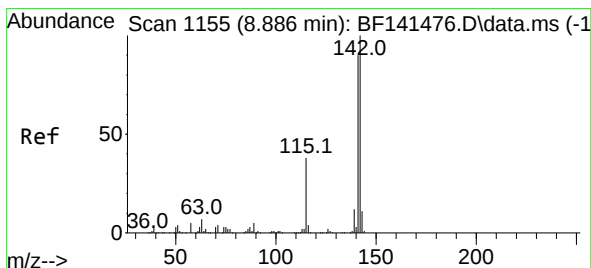
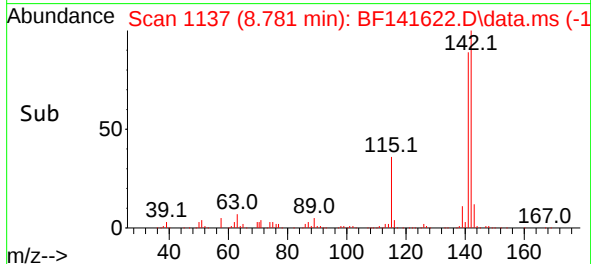
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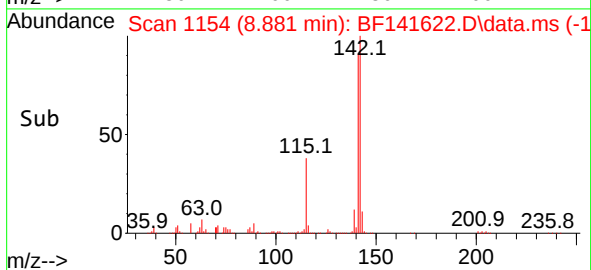
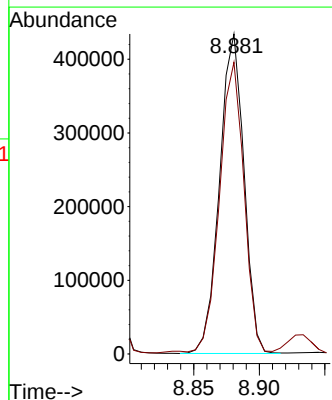
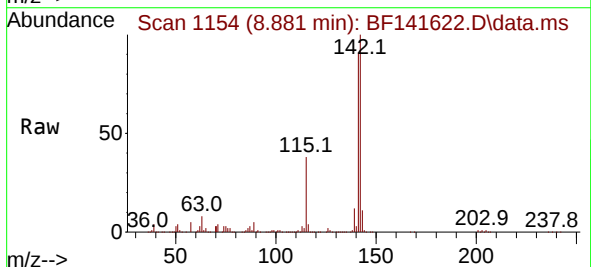
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ahmed

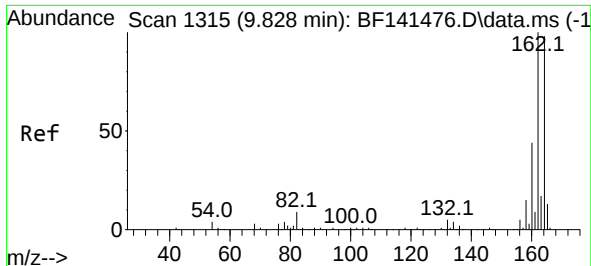
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#38
1-Methylnaphthalene
Concen: 43.169 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion:142 Resp: 561085
Ion Ratio Lower Upper
142 100
141 91.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 111

Delta R.T. -0.012 min

Lab File: BF141622.D

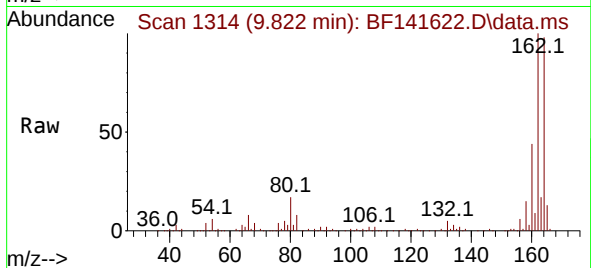
Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD



Tgt Ion:164 Resp: 21132

Ion Ratio Lower Upper

164 100

162 102.2 81.3 121.9

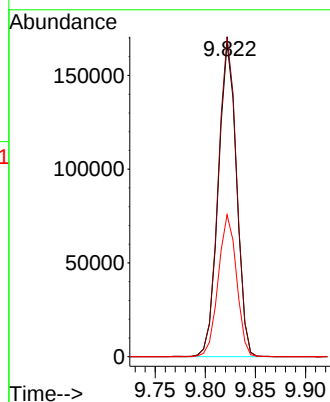
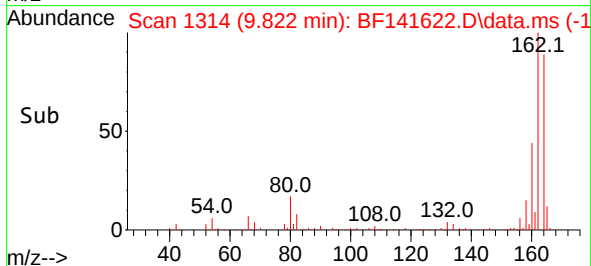
160 45.3 35.9 53.9

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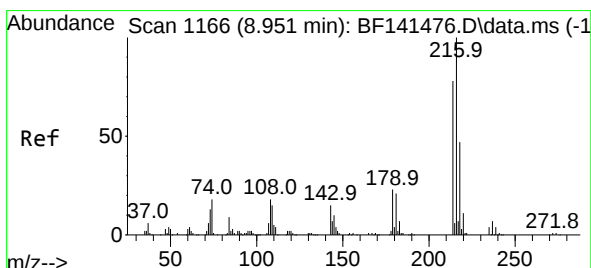
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.641 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Tgt Ion:216 Resp: 309619

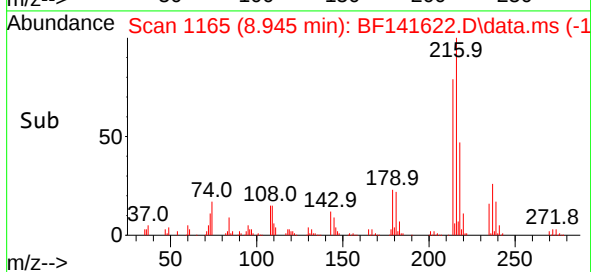
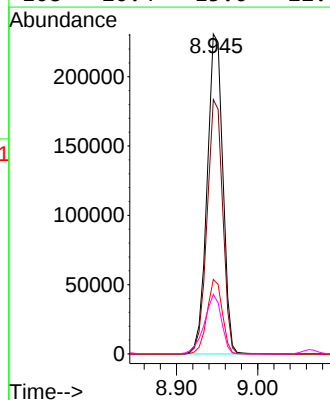
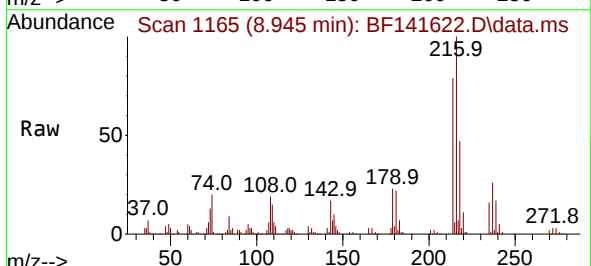
Ion Ratio Lower Upper

216 100

214 78.9 62.3 93.5

179 22.6 18.0 27.0

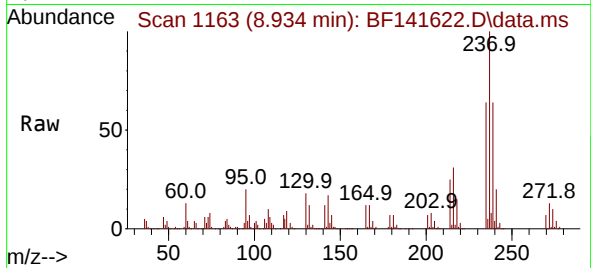
108 20.4 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 136.280 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

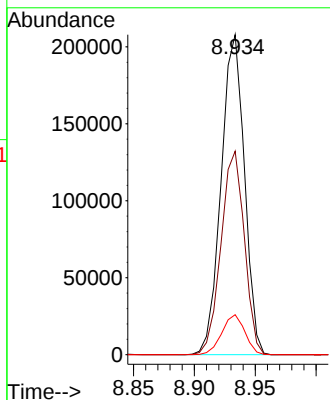
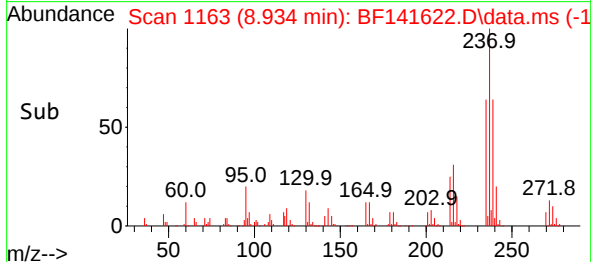
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:237 Resp: 277132
Ion Ratio Lower Upper
237 100
235 63.6 41.4 81.4
272 12.5 0.0 32.4

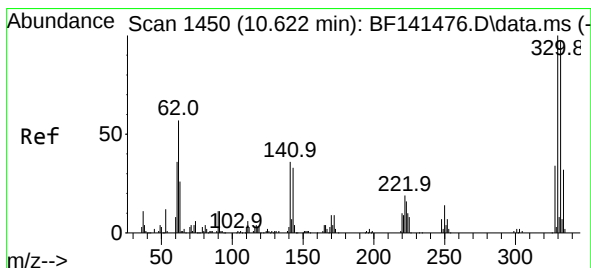
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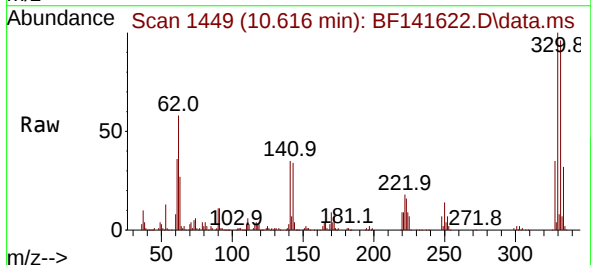


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ahmed

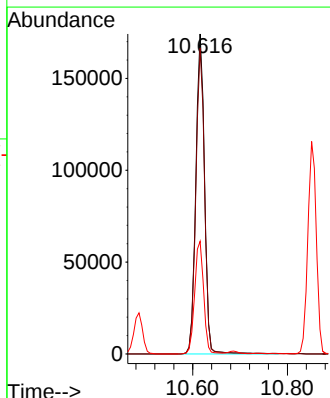
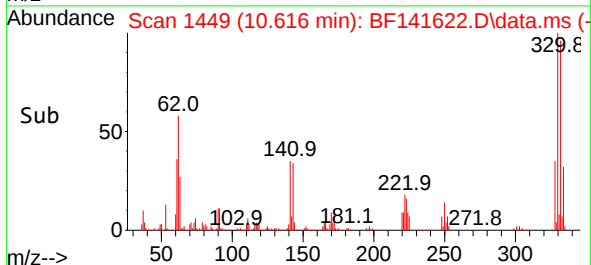
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#42
2,4,6-Tribromophenol
Concen: 105.108 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34



Tgt Ion:330 Resp: 223132
Ion Ratio Lower Upper
330 100
332 95.6 78.5 117.7
141 36.4 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 45.801 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

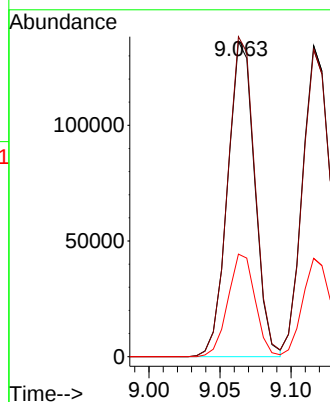
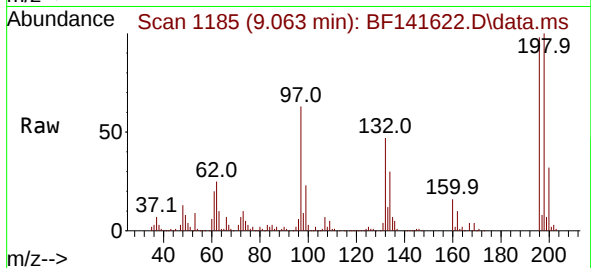
ClientSampleId :

346MSD

Tgt Ion:196	Resp:	180984
Ion Ratio	Lower	Upper
196	100	
198	101.6	80.6 121.0
200	32.5	25.5 38.3

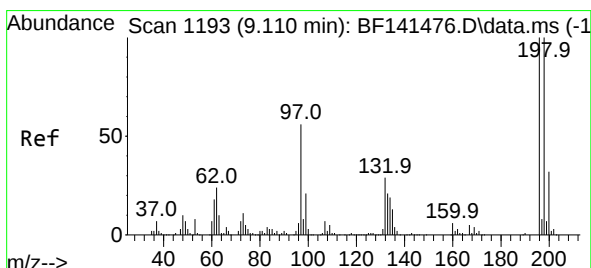
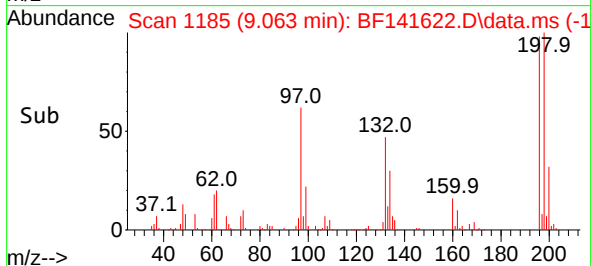
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#44

2,4,5-Trichlorophenol

Concen: 44.858 ng

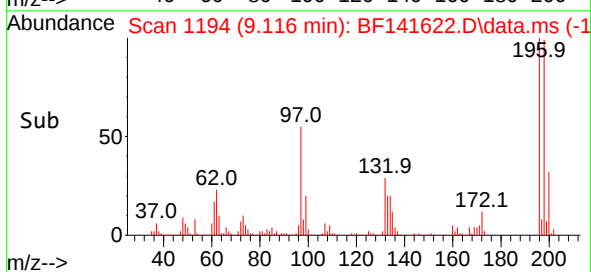
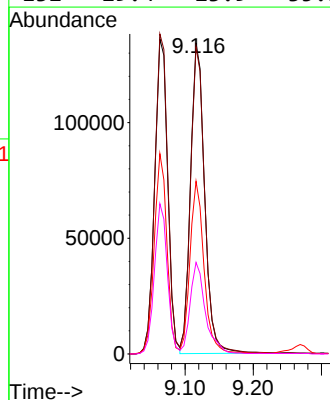
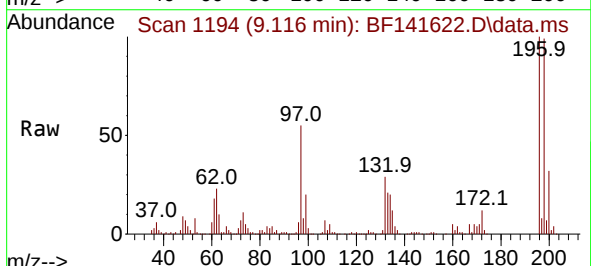
RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

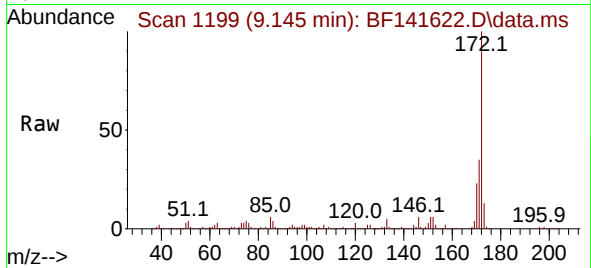
Tgt Ion:196	Resp:	192104
Ion Ratio	Lower	Upper
196	100	
198	98.8	79.8 119.8
97	55.5	44.8 67.2
132	29.4	23.9 35.9





#45
2-Fluorobiphenyl
Concen: 76.762 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

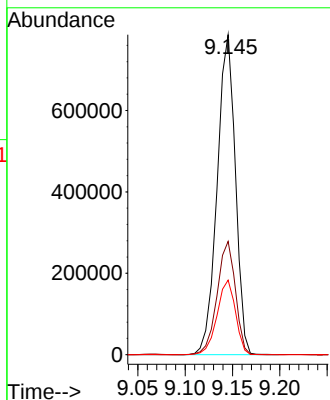
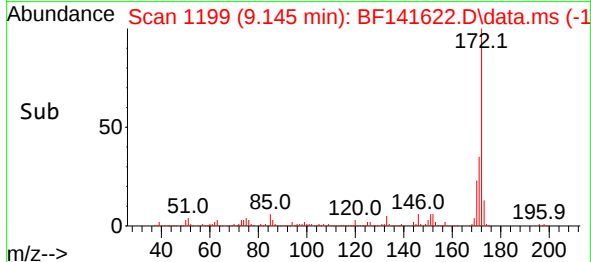
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:172 Resp: 1052924
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.3 18.9 28.3

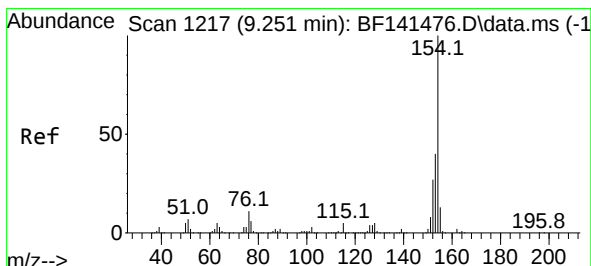
Manual Integrations
APPROVED

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Chavli

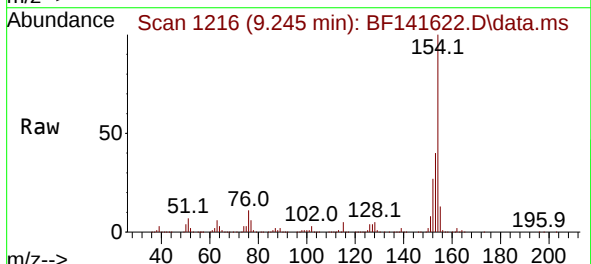


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ahmed

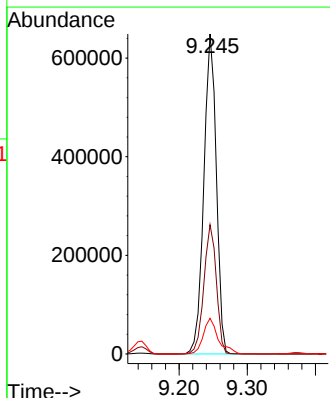
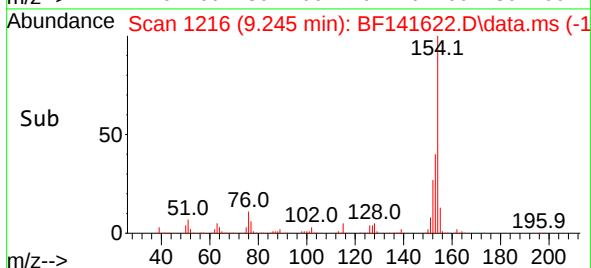
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#46
1,1'-Biphenyl
Concen: 50.549 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34



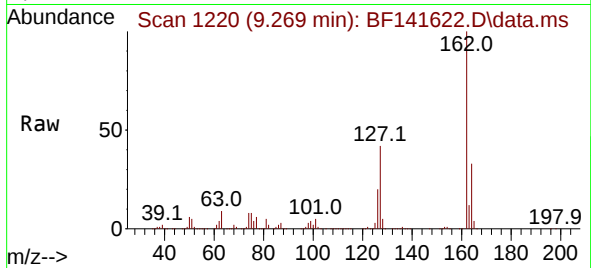
Tgt Ion:154 Resp: 828189
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.2 0.0 30.8





#47
2-Chloronaphthalene
Concen: 46.217 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

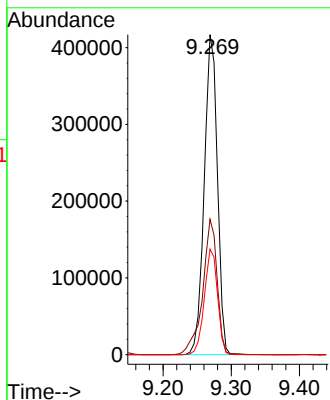
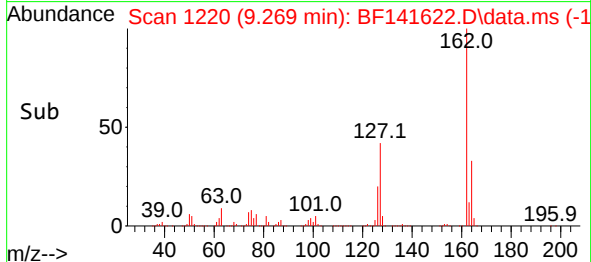
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:162 Resp: 559930
Ion Ratio Lower Upper
162 100
127 42.3 34.1 51.1
164 33.0 26.3 39.5

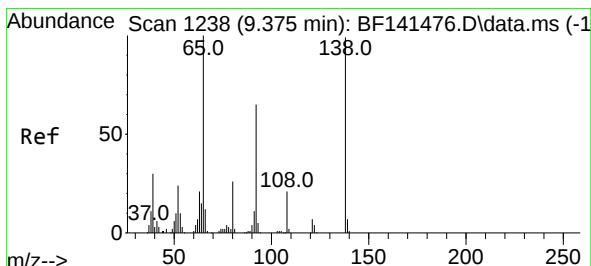
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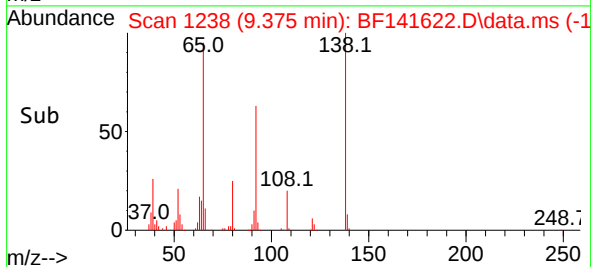
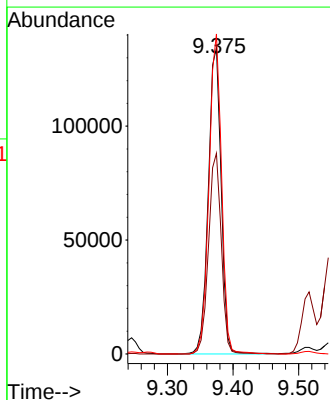
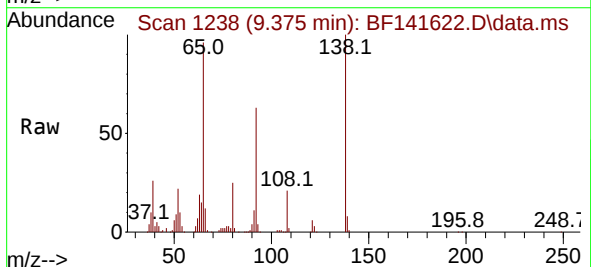
02/14/2025
Supervised By :mohammad
ahmed

02/15/2025



#48
2-Nitroaniline
Concen: 45.151 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Tgt Ion: 65 Resp: 183579
Ion Ratio Lower Upper
65 100
92 65.5 52.2 78.2
138 104.5 79.5 119.3





#49

Acenaphthylene

Concen: 47.229 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

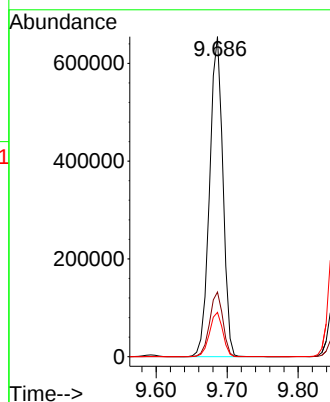
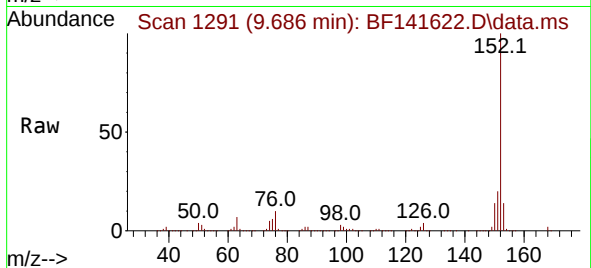
Tgt Ion:152 Resp: 851070

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	13.9	10.9	16.3

Manual Integrations

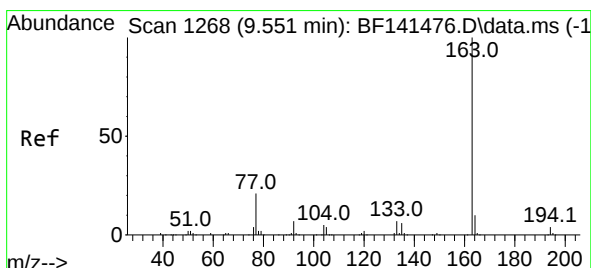
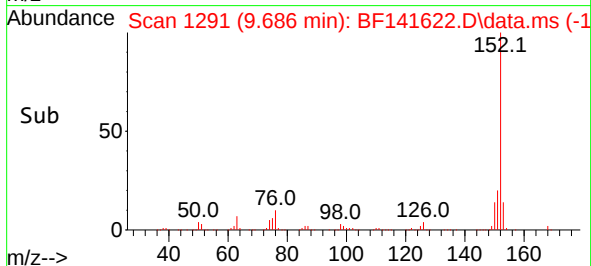
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Reviewed By :Rahul
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#50

Dimethylphthalate

Concen: 46.694 ng

RT: 9.551 min Scan# 1268

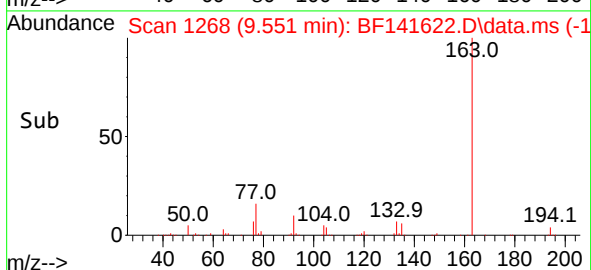
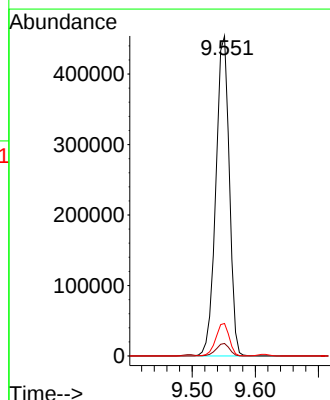
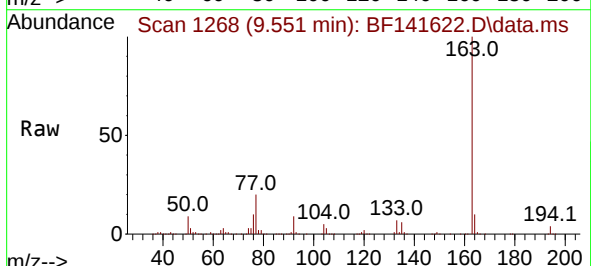
Delta R.T. -0.012 min

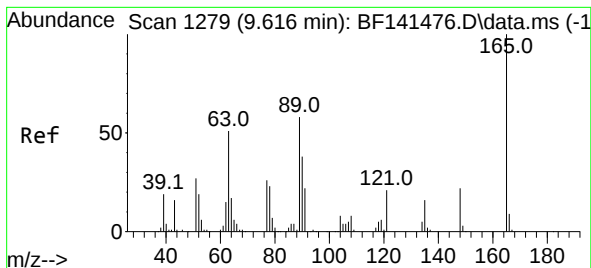
Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Tgt Ion:163 Resp: 669899

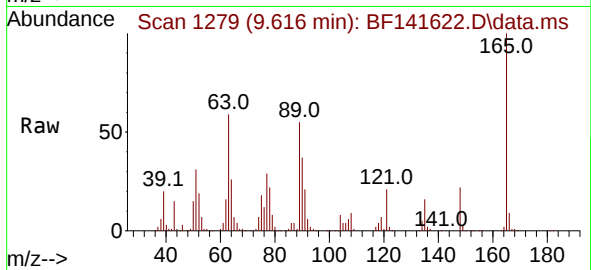
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.2	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 45.896 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

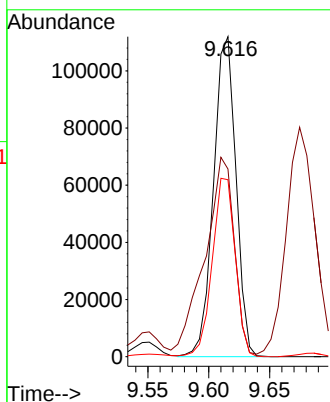
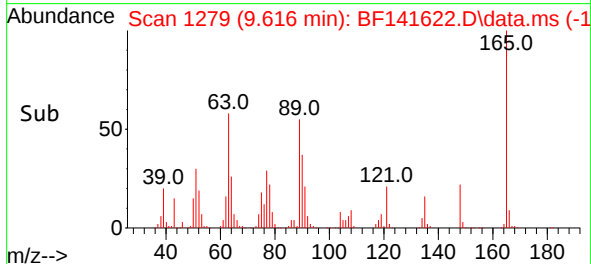
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:165 Resp: 143939
Ion Ratio Lower Upper
165 100
63 58.7 49.4 74.0
89 55.3 46.5 69.7

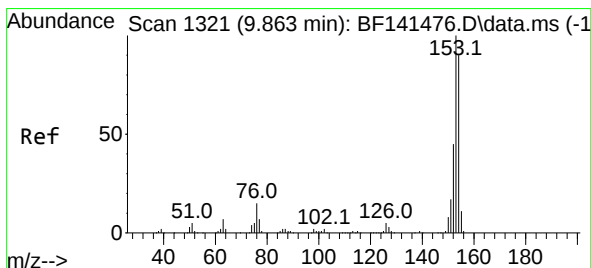
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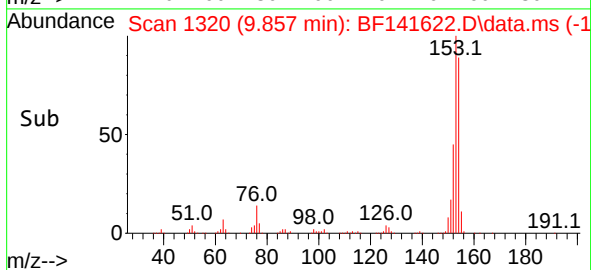
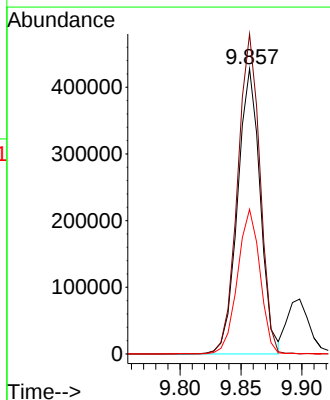
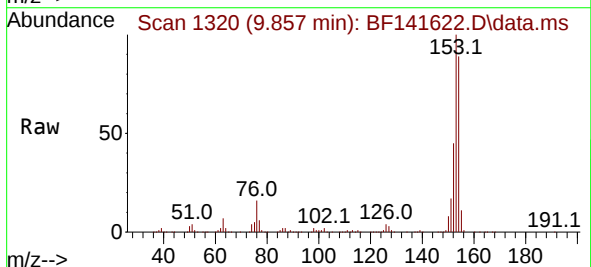
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ahmed

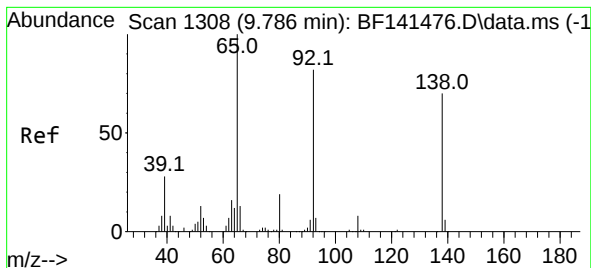
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#52
Acenaphthene
Concen: 45.672 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

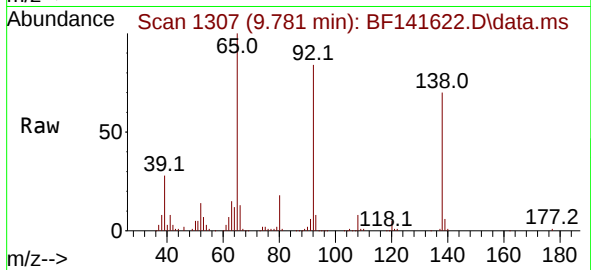
Tgt Ion:154 Resp: 553304
Ion Ratio Lower Upper
154 100
153 112.2 89.2 133.8
152 50.7 39.8 59.8





#53
3-Nitroaniline
Concen: 22.764 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

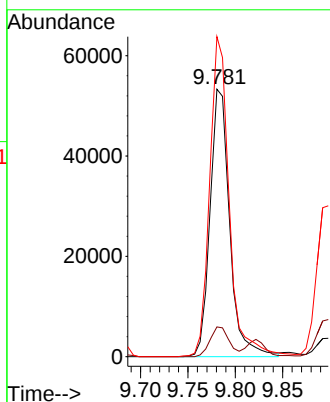
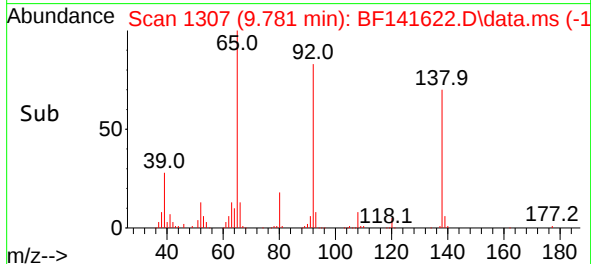
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:138 Resp: 76840
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 119.6 93.7 140.5

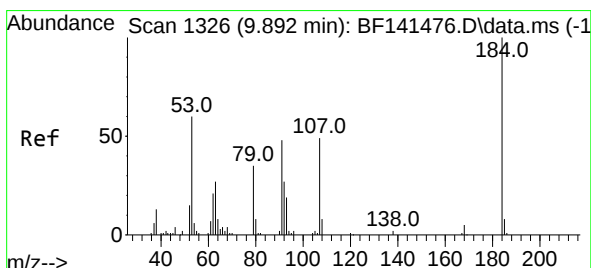
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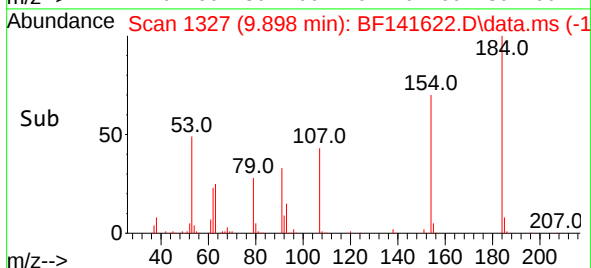
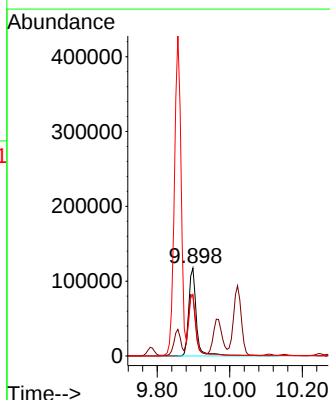
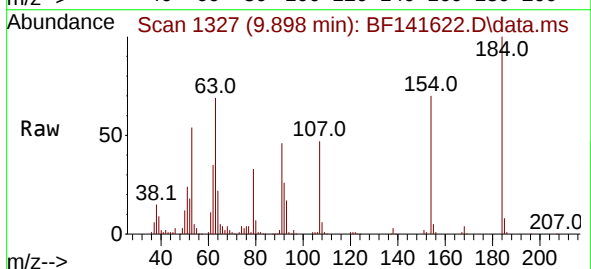
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#54
2,4-Dinitrophenol
Concen: 93.539 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

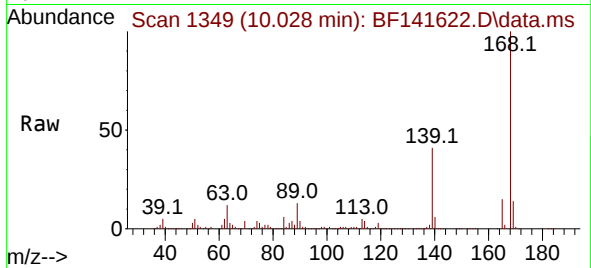
Tgt Ion:184 Resp: 174352
Ion Ratio Lower Upper
184 100
63 68.9 61.0 91.6
154 70.1 59.9 89.9





#55
Dibenzenofuran
Concen: 43.994 ng
RT: 10.028 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

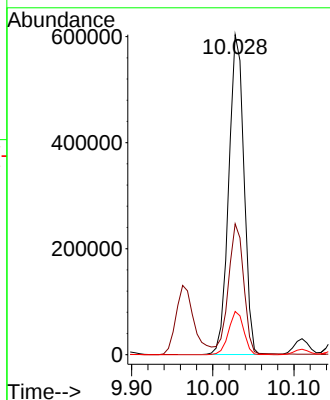
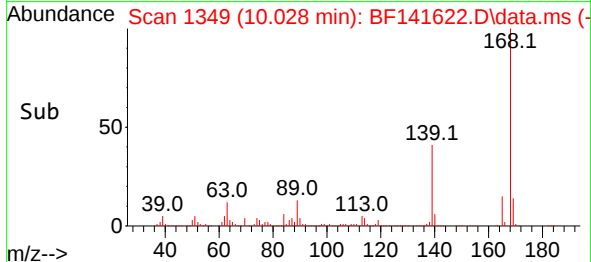
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:168 Resp: 782310
Ion Ratio Lower Upper
168 100
139 40.9 32.7 49.1
169 13.5 10.8 16.2

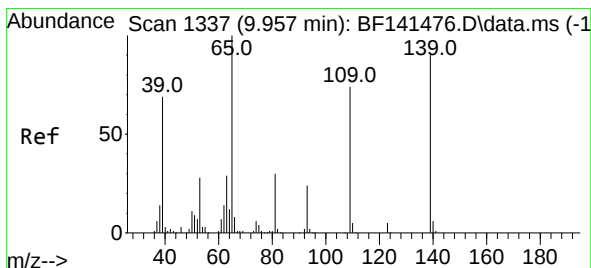
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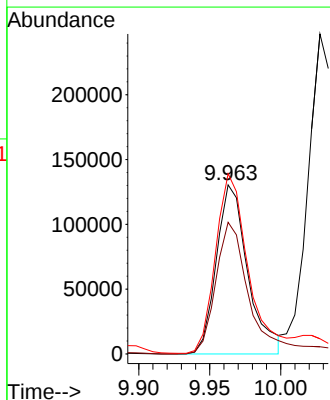
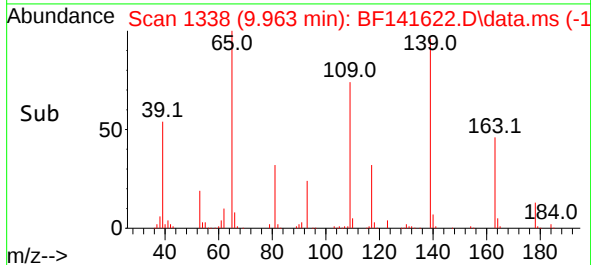
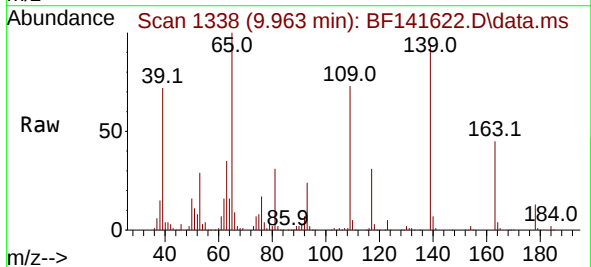
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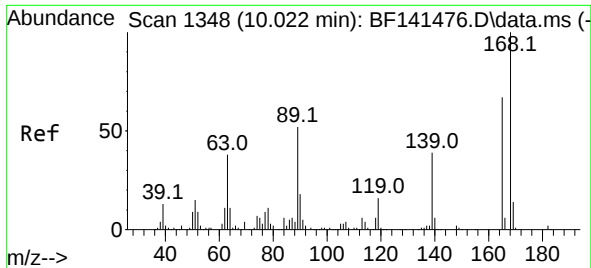
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#56
4-Nitrophenol
Concen: 80.349 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

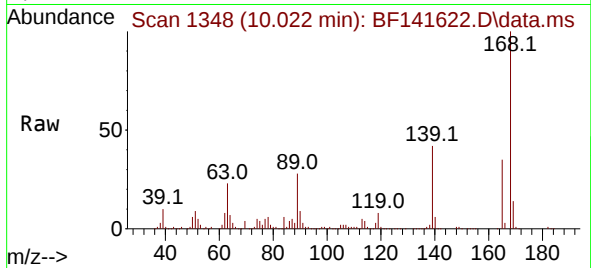
Tgt Ion:139 Resp: 201335
Ion Ratio Lower Upper
139 100
109 77.9 62.0 102.0
65 106.6 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 45.705 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

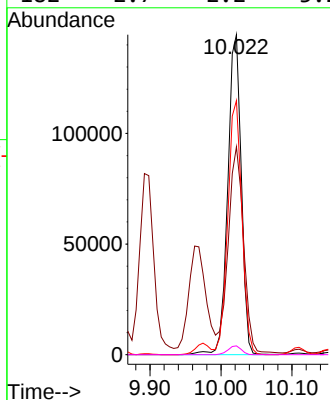
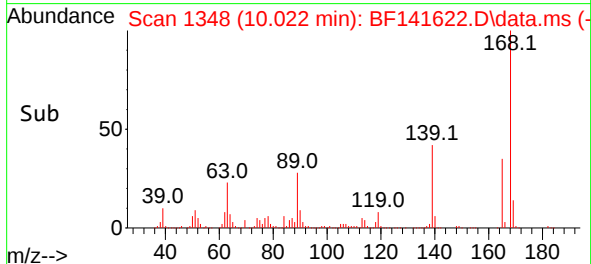
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:165 Resp: 190824
Ion Ratio Lower Upper
165 100
63 65.0 46.4 69.6
89 79.4 61.8 92.6
182 2.7 2.2 3.2

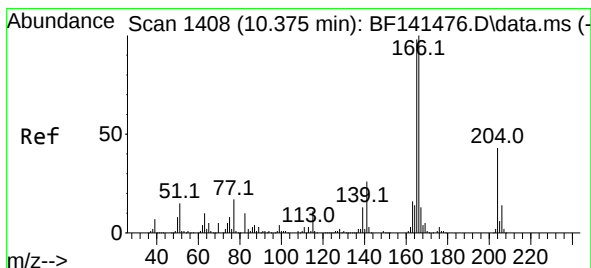
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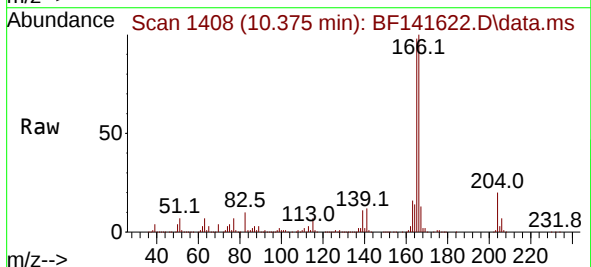


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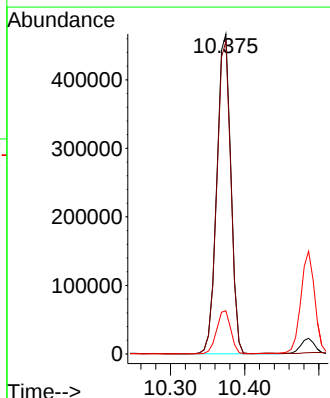
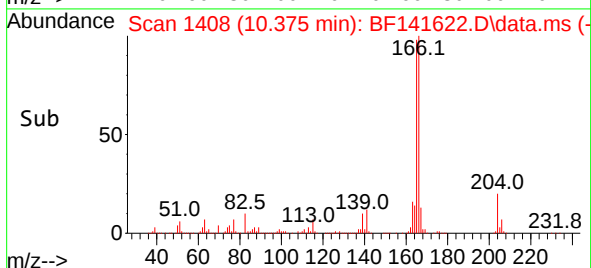
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#58
Fluorene
Concen: 44.534 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34



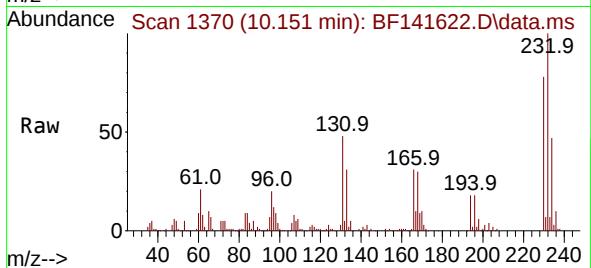
Tgt Ion:166 Resp: 612305
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.308 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

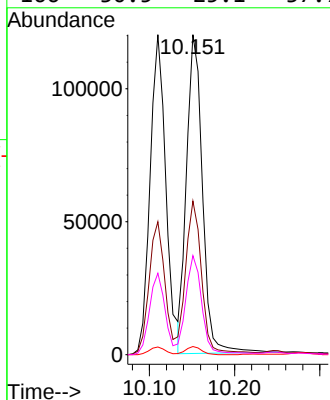
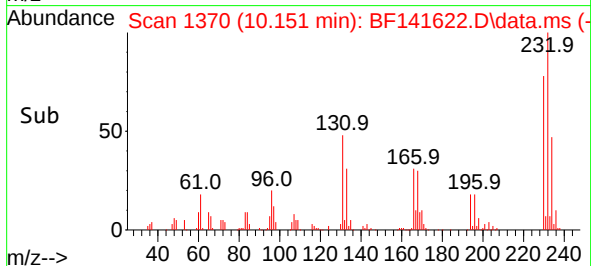
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:232 Resp: 155988
Ion Ratio Lower Upper
232 100
131 47.7 39.2 58.8
130 2.5 2.1 3.1
166 30.5 25.1 37.7

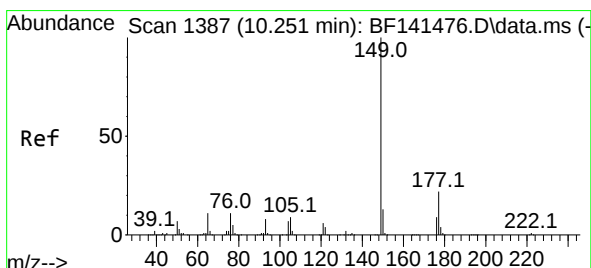
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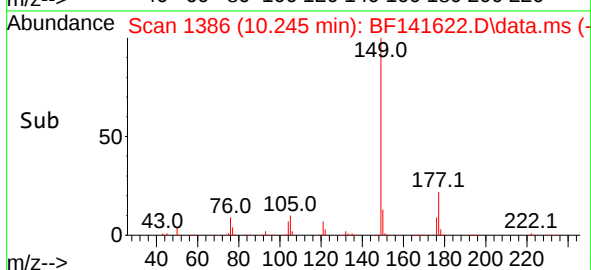
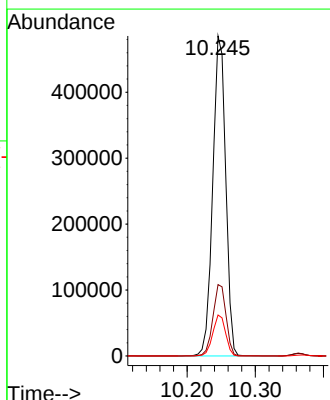
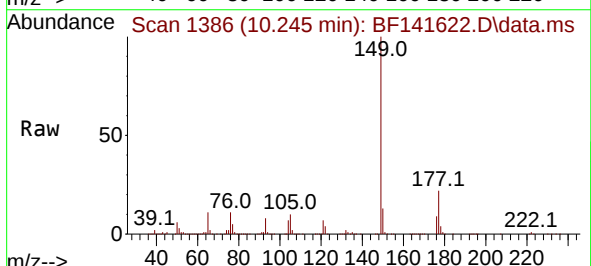
02/14/2025
Supervised By :mohammad
ahmed

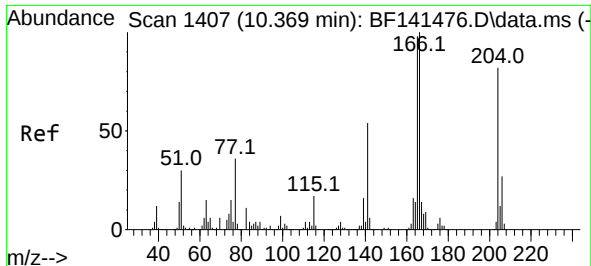
02/15/2025



#60
Diethylphthalate
Concen: 45.431 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

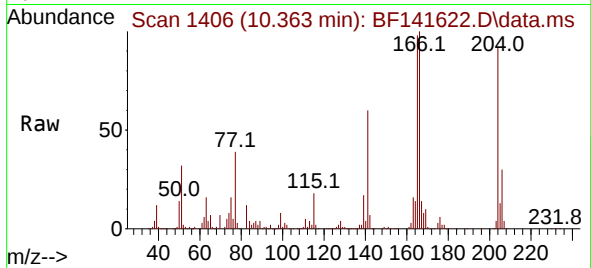
Tgt Ion:149 Resp: 641262
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.776 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

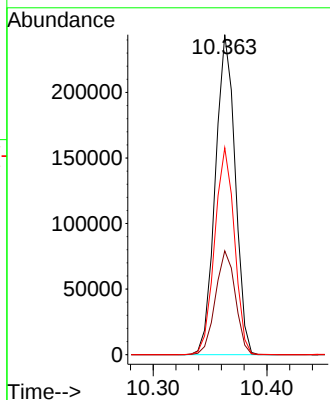
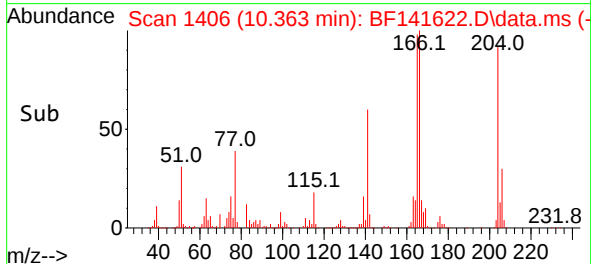
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:204 Resp: 296174
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 64.6 51.9 77.9

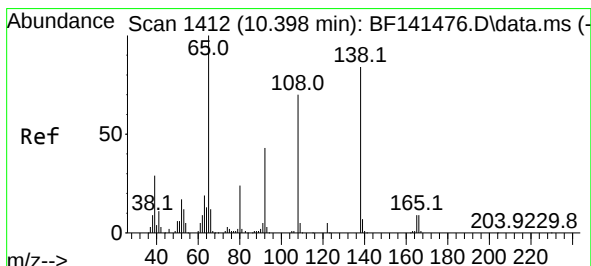
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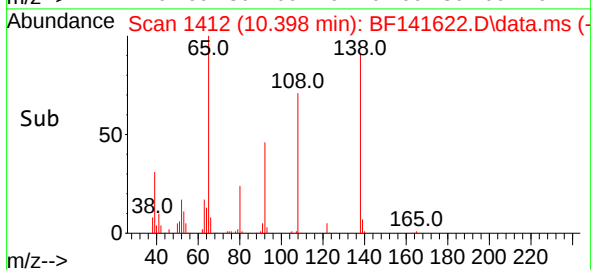
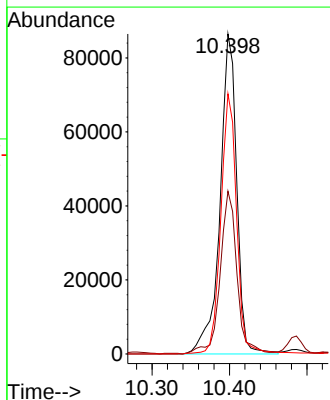
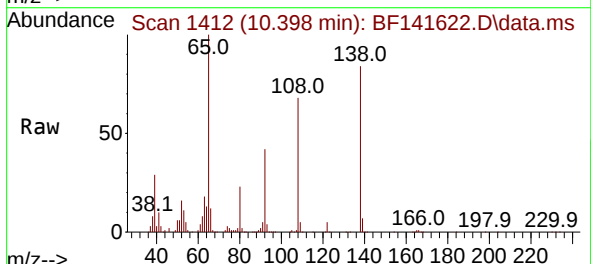
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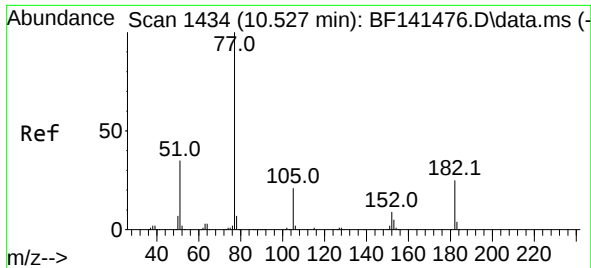
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#62
4-Nitroaniline
Concen: 37.994 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

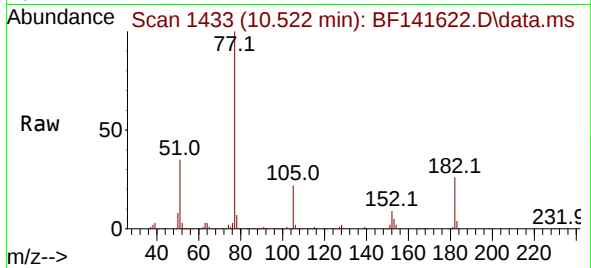
Tgt Ion:138 Resp: 130225
Ion Ratio Lower Upper
138 100
92 50.9 31.3 71.3
108 81.3 63.7 103.7





#63
Azobenzene
Concen: 47.544 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

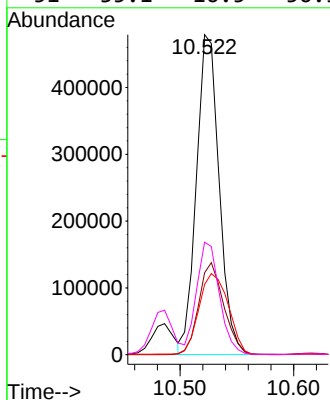
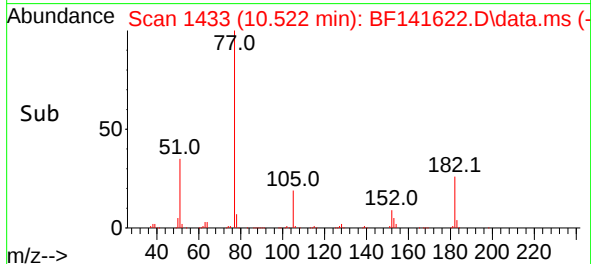
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion: 77 Resp: 66714
Ion Ratio Lower Upper
77 100
182 25.6 4.7 44.7
105 21.9 0.4 40.4
51 35.1 16.5 56.5

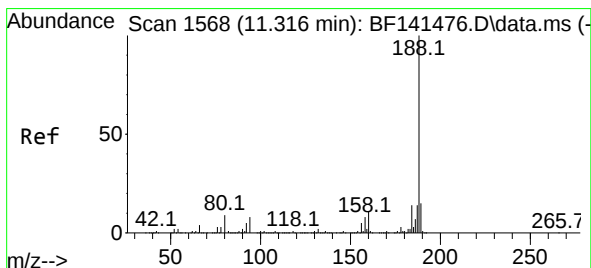
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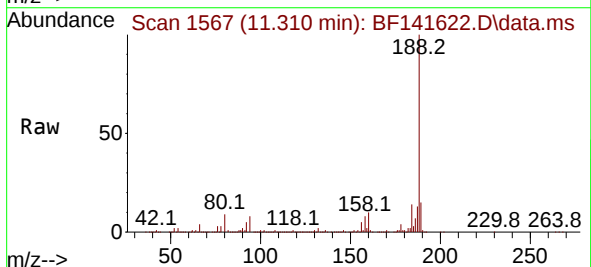


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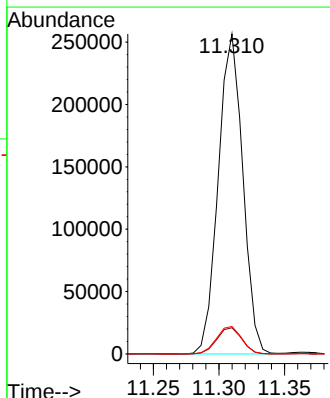
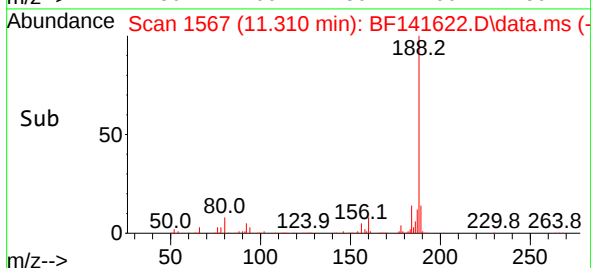
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34



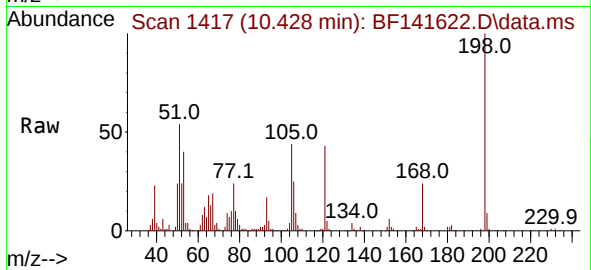
Tgt Ion:188 Resp: 332942
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 8.6 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 47.002 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

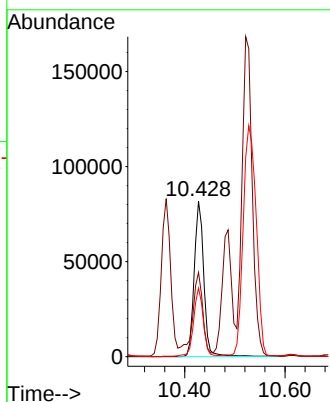
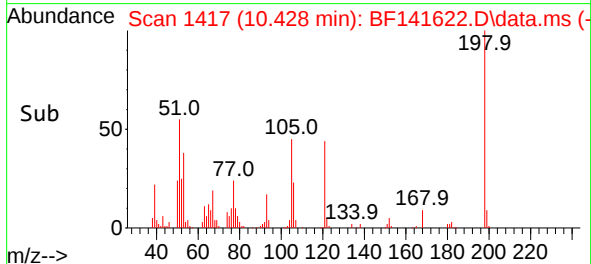
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:198 Resp: 108700
Ion Ratio Lower Upper
198 100
51 54.2 37.4 77.4
105 44.2 25.2 65.2

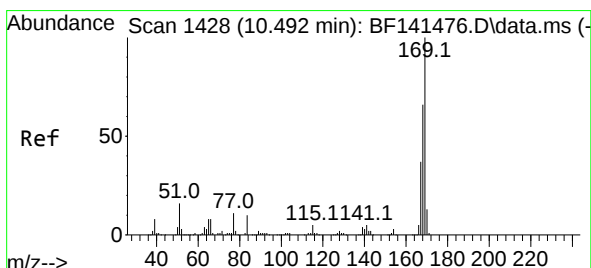
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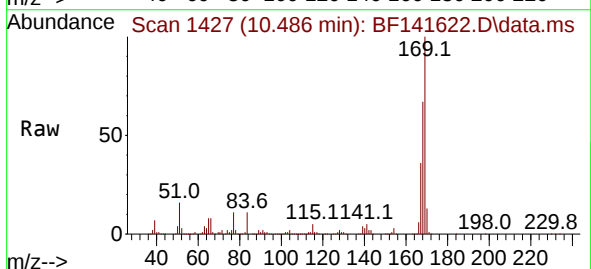


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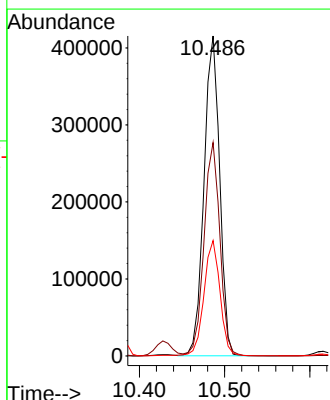
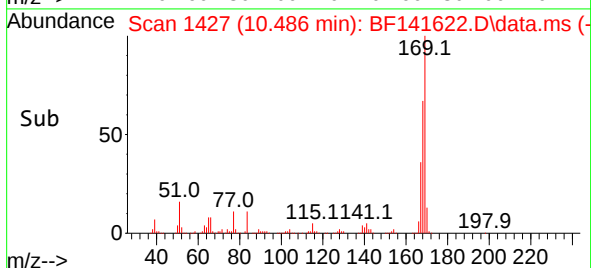
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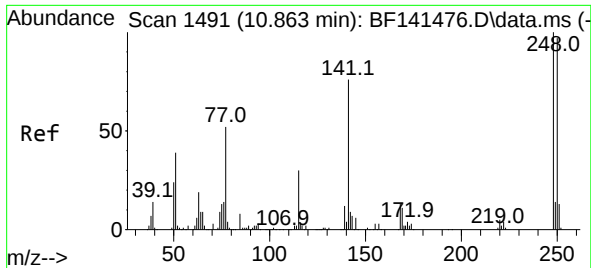


#66
n-Nitrosodiphenylamine
Concen: 49.709 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34



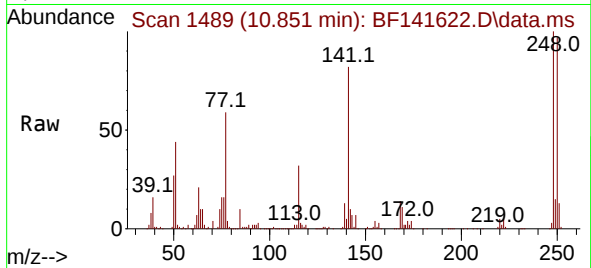
Tgt Ion:169 Resp: 529786
Ion Ratio Lower Upper
169 100
168 66.7 53.3 79.9
167 36.1 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 48.555 ng
RT: 10.851 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

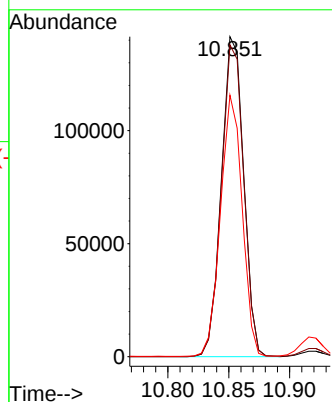
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:248 Resp: 180672
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.6
141 81.7 60.6 90.8

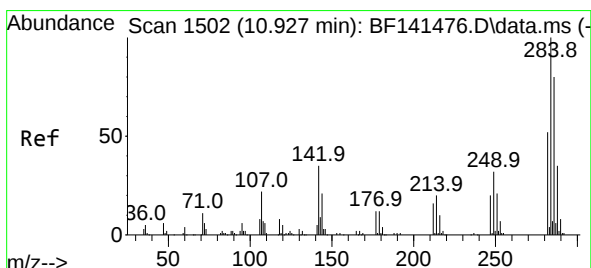
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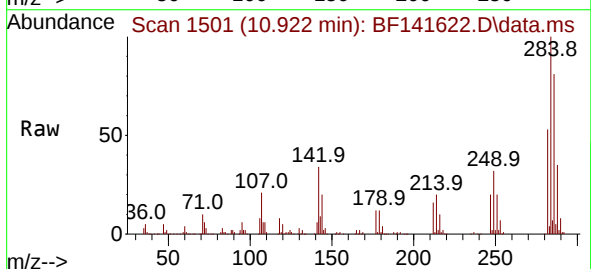


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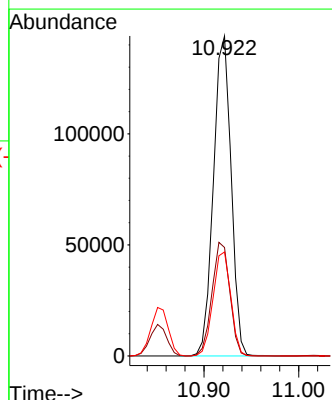
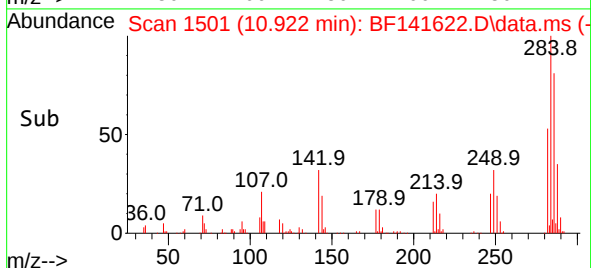
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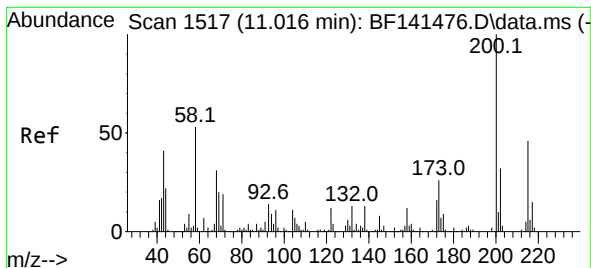


#68
Hexachlorobenzene
Concen: 48.718 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34



Tgt Ion:284 Resp: 186672
Ion Ratio Lower Upper
284 100
142 33.9 28.0 42.0
249 32.5 25.8 38.8





#69

Atrazine

Concen: 58.687 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141622.D

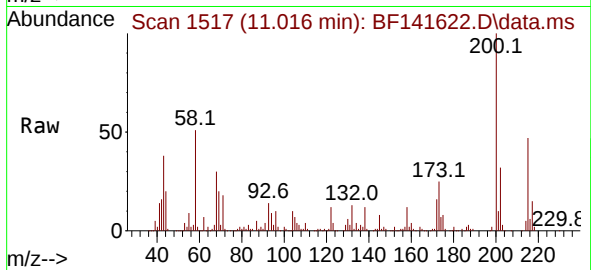
Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

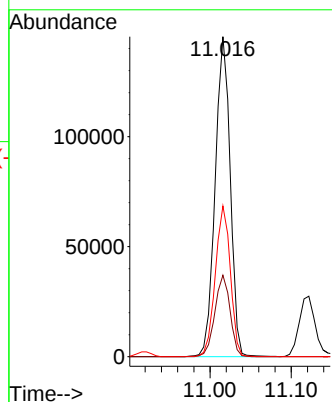
346MSD



Tgt Ion:	200	Resp:	18764
Ion Ratio	Lower	Upper	
200	100		
173	25.4	5.9	45.9
215	47.1	25.9	65.9

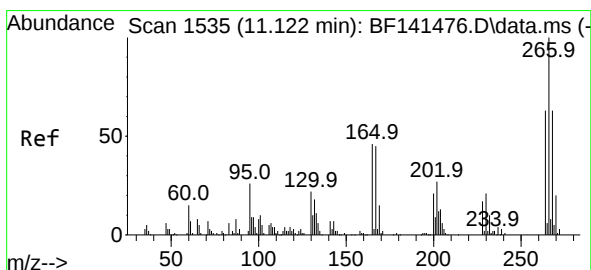
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#70

Pentachlorophenol

Concen: 82.756 ng

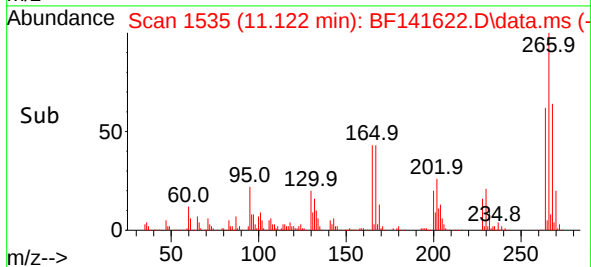
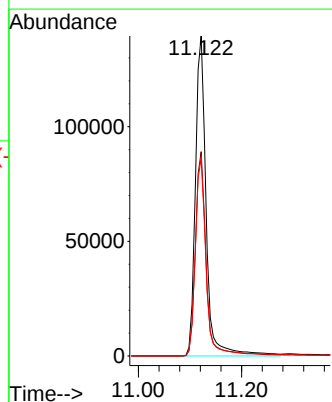
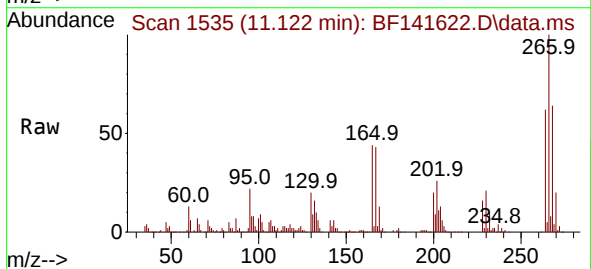
RT: 11.122 min Scan# 1535

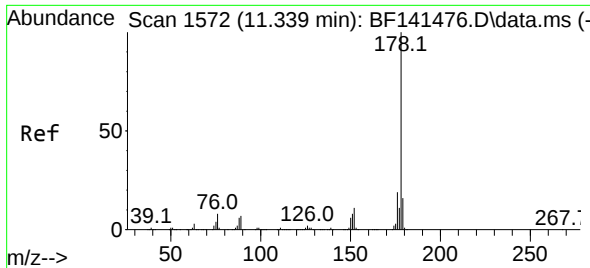
Delta R.T. -0.006 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Tgt Ion:	266	Resp:	202757
Ion Ratio	Lower	Upper	
266	100		
268	63.9	50.1	75.1
264	61.7	50.1	75.1





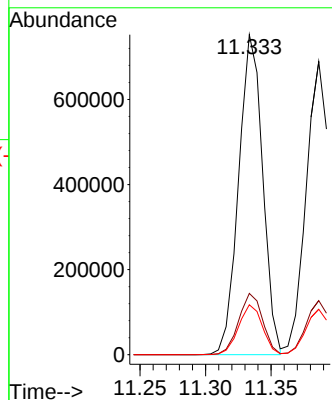
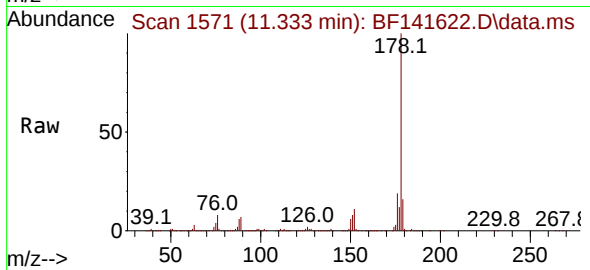
#71
Phenanthrene
Concen: 52.362 ng
RT: 11.333 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Instrument :
BNA_F
ClientSampleId :
346MSD

Tgt Ion:178 Resp: 959629
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.6 12.4 18.6

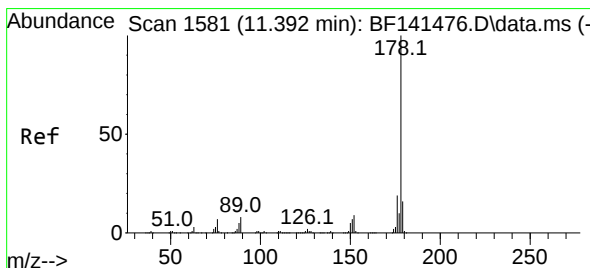
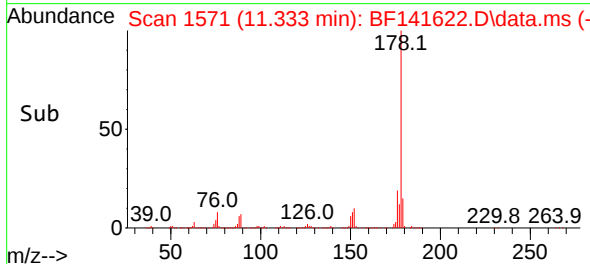
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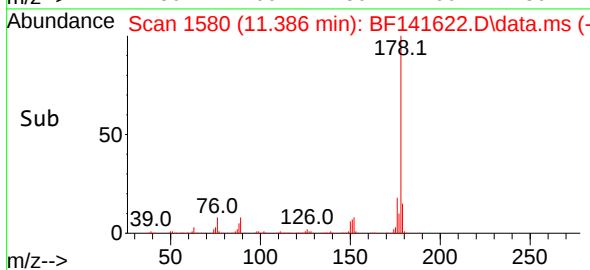
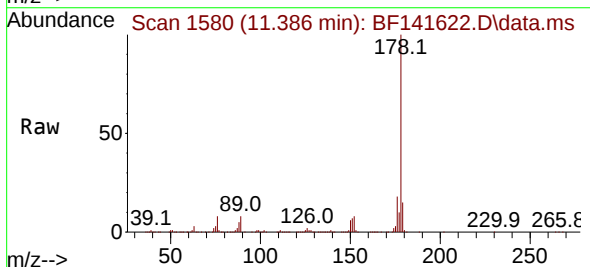
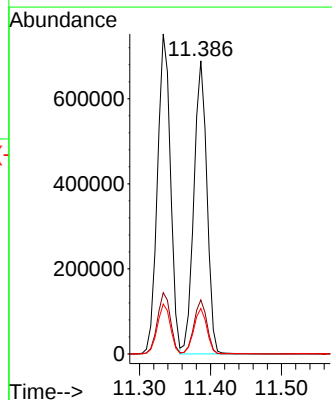
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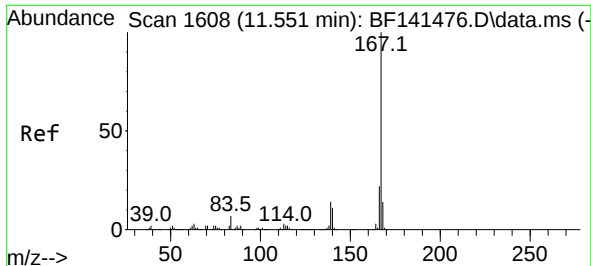
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#72
Anthracene
Concen: 47.739 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

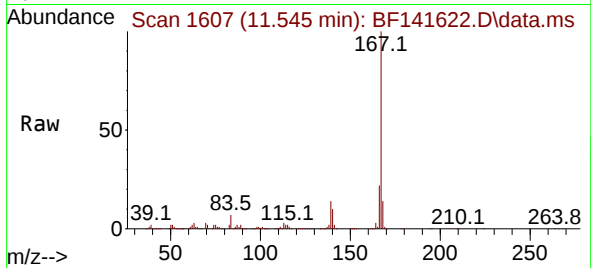
Tgt Ion:178 Resp: 879507
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 43.108 ng
 RT: 11.545 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF141622.D
 Acq: 13 Feb 2025 18:34

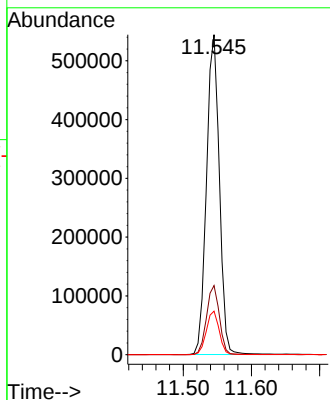
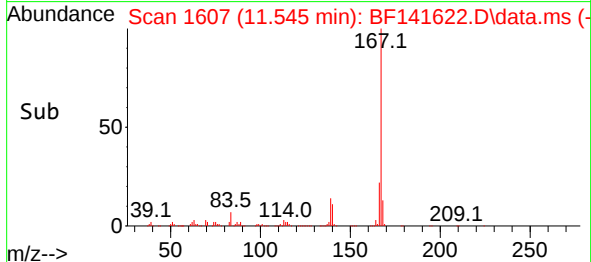
Instrument :
 BNA_F
 ClientSampleId :
 346MSD



Tgt Ion:167 Resp: 714592
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.6 10.9 16.3

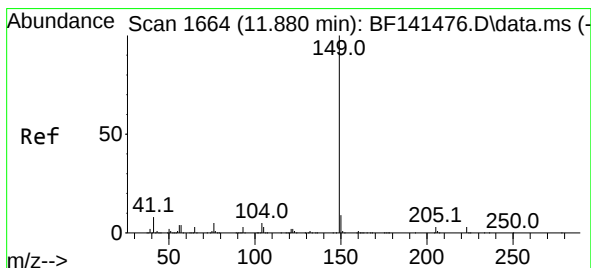
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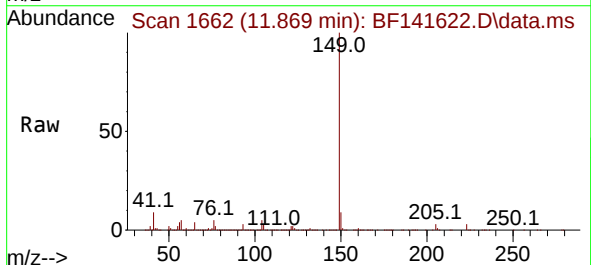


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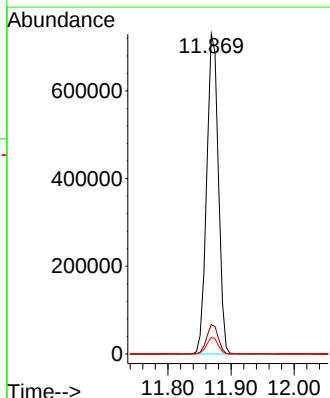
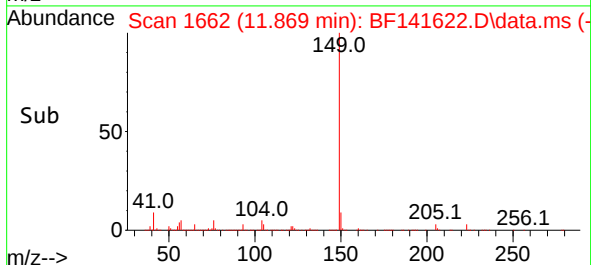
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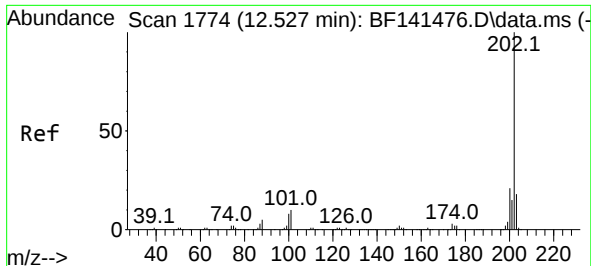


#74
 Di-n-butylphthalate
 Concen: 48.930 ng
 RT: 11.869 min Scan# 1662
 Delta R.T. -0.012 min
 Lab File: BF141622.D
 Acq: 13 Feb 2025 18:34



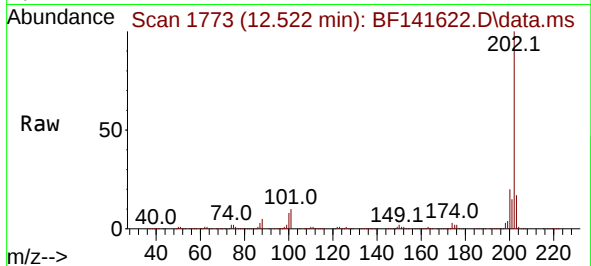
Tgt Ion:149 Resp: 936556
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 47.320 ng
RT: 12.522 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

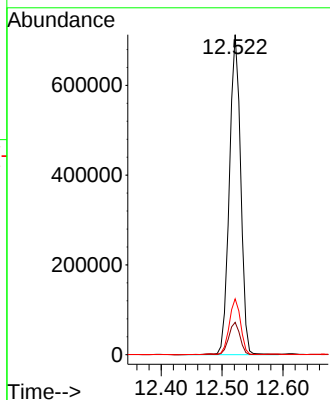
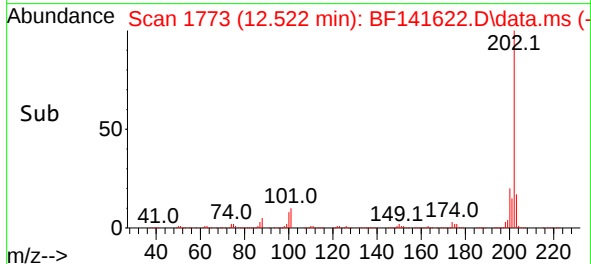
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:202 Resp: 919428
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.2
203 17.5 0.0 37.6

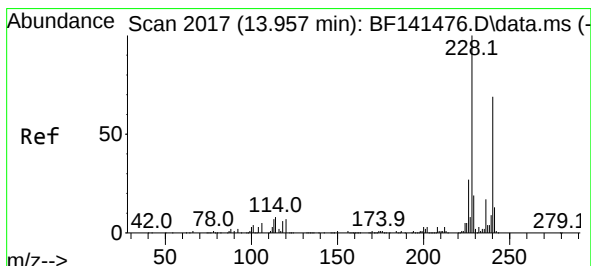
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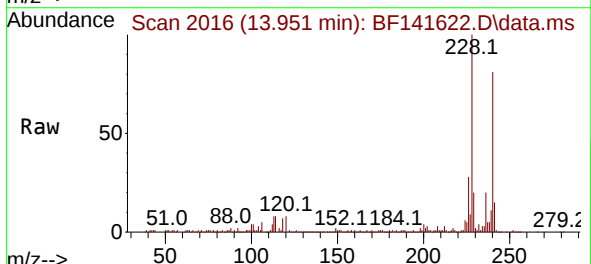


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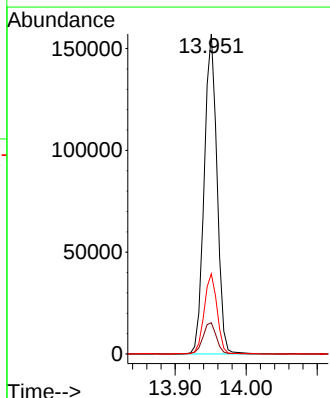
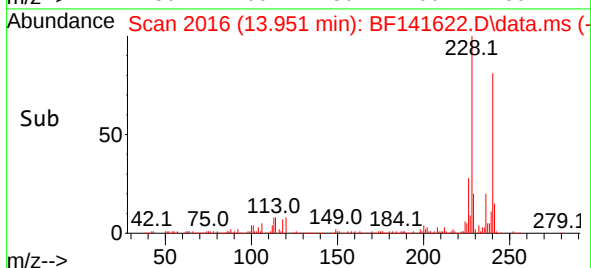
02/15/2025

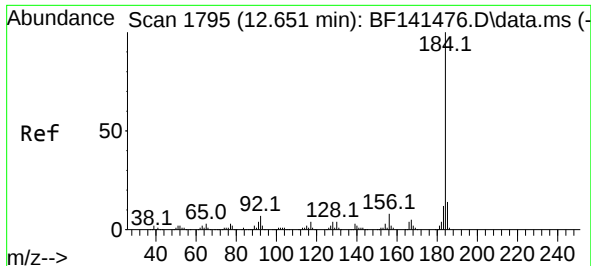


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34



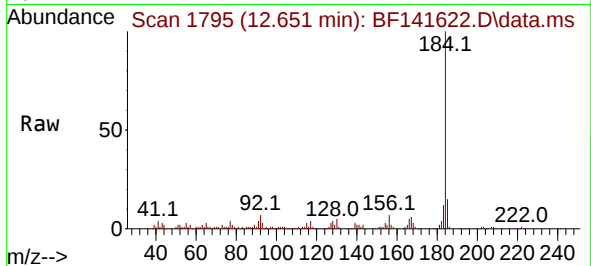
Tgt Ion:240 Resp: 197425
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.1 19.8 29.8





#77
Benzidine
Concen: 28.050 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

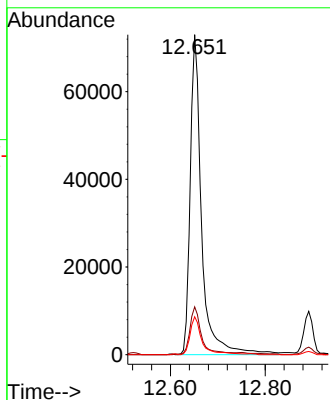
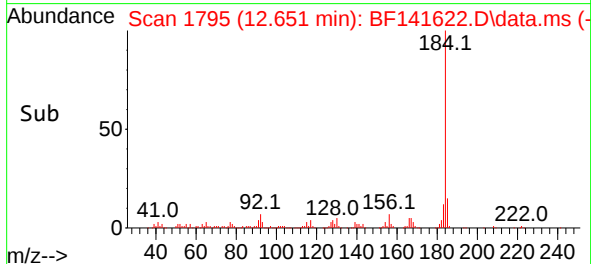
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:184 Resp: 122134
Ion Ratio Lower Upper
184 100
185 15.0 11.3 16.9
183 11.8 9.3 13.9

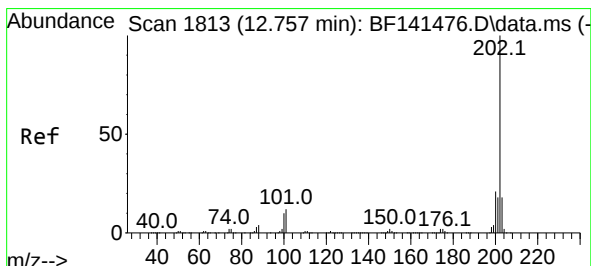
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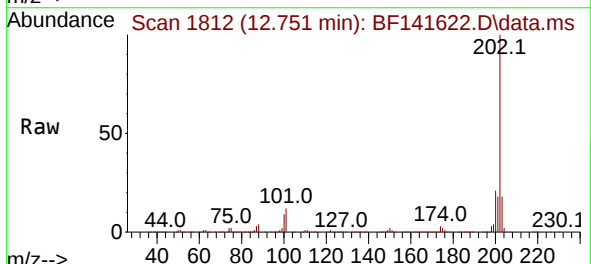


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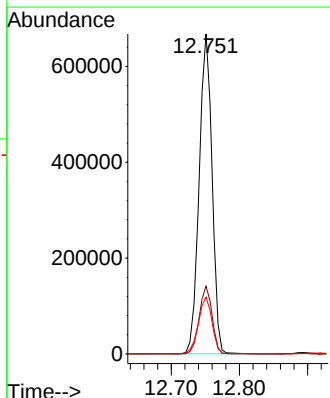
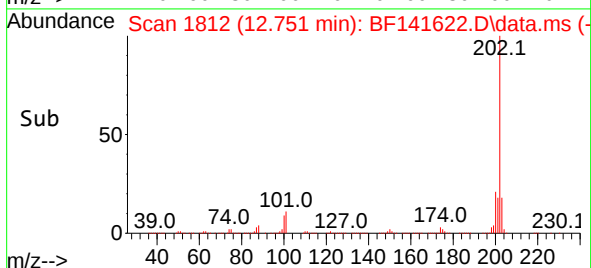
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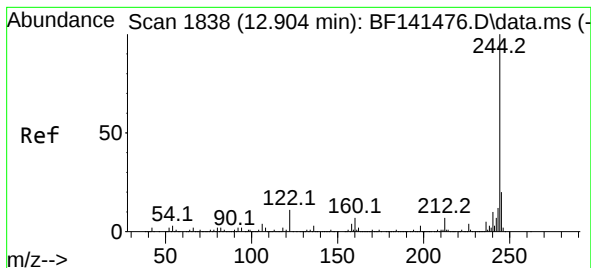


#78
Pyrene
Concen: 52.213 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34



Tgt Ion:202 Resp: 877504
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 80.243 ng

RT: 12.892 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

Tgt Ion:244 Resp: 938410

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

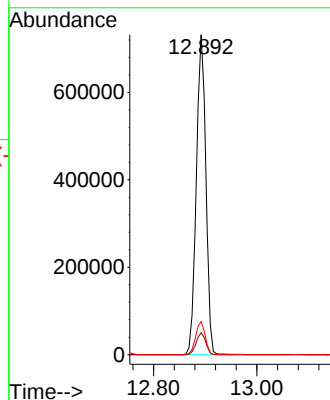
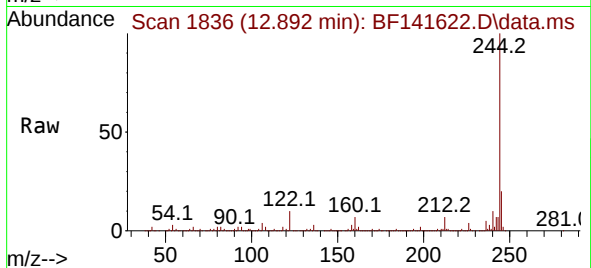
122 10.4 8.4 12.6

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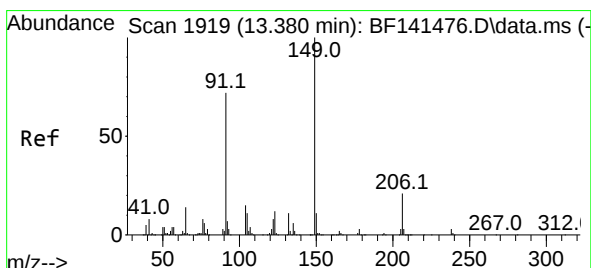
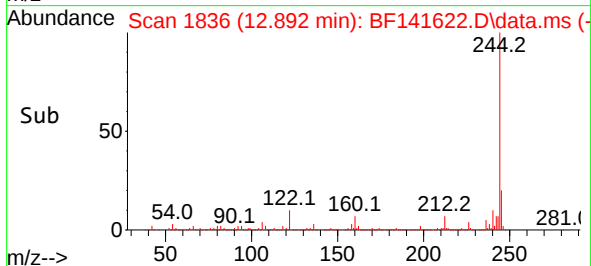
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#80

Butylbenzylphthalate

Concen: 53.858 ng

RT: 13.369 min Scan# 1917

Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

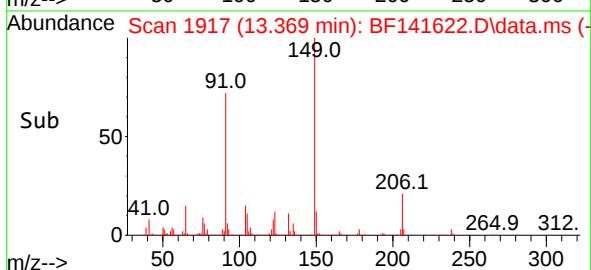
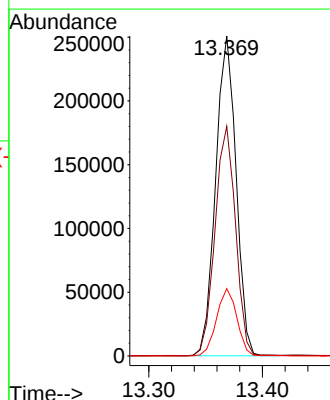
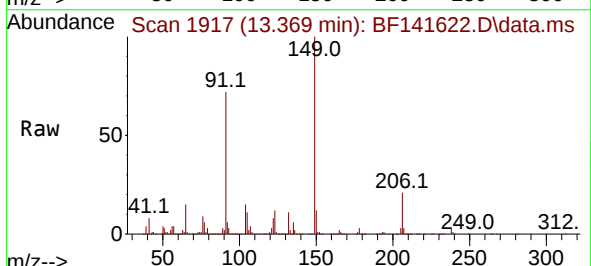
Tgt Ion:149 Resp: 313519

Ion Ratio Lower Upper

149 100

91 71.7 57.8 86.8

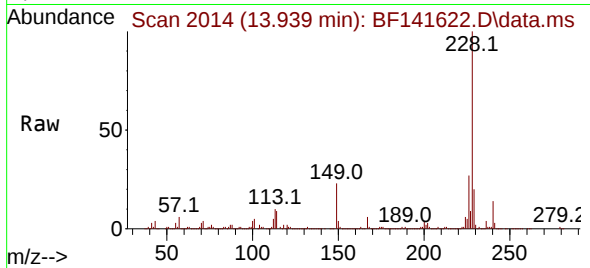
206 21.1 16.7 25.1





#81
Benzo(a)anthracene
Concen: 50.089 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

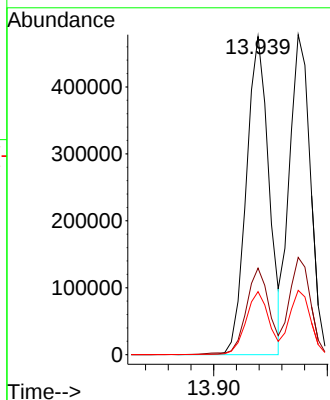
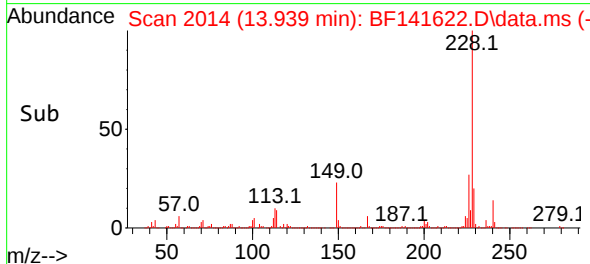
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:228 Resp: 657339
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.8 15.8 23.6

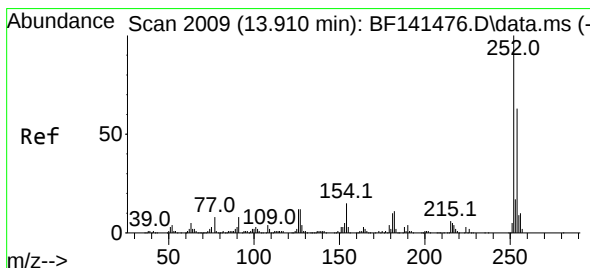
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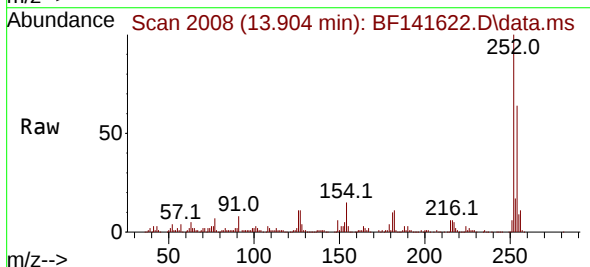


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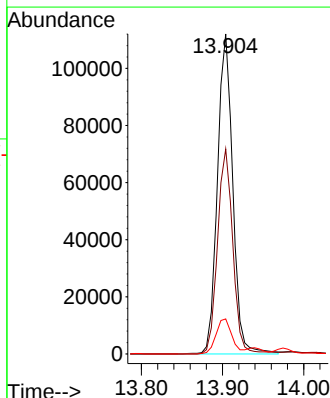
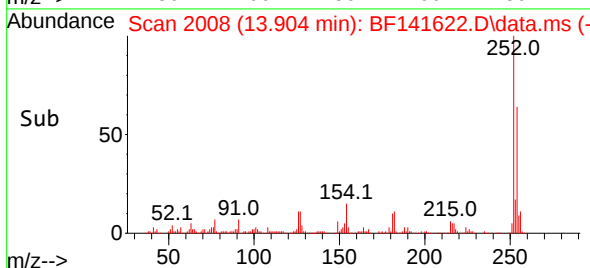
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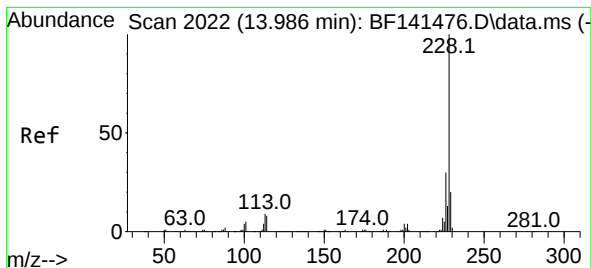


#82
3,3'-Dichlorobenzidine
Concen: 39.261 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34



Tgt Ion:252 Resp: 147593
Ion Ratio Lower Upper
252 100
254 64.1 50.6 76.0
126 11.0 9.3 13.9





#83

Chrysene

Concen: 50.244 ng

RT: 13.974 min Scan# 2012

Delta R.T. -0.018 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

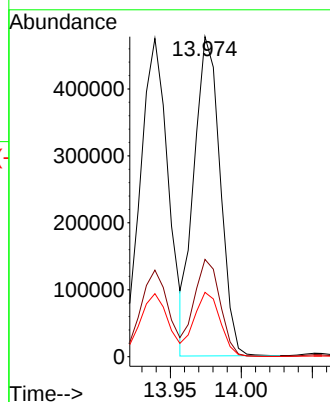
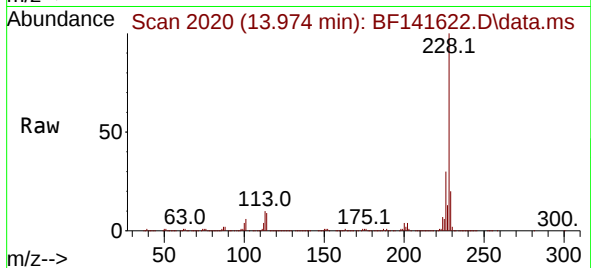
ClientSampleId :

346MSD

Tgt Ion:228 Resp: 608834
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.0 36.0
 229 20.1 15.7 23.5

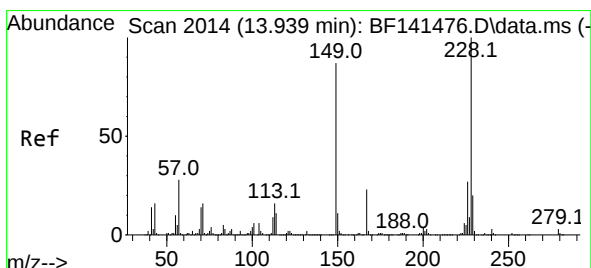
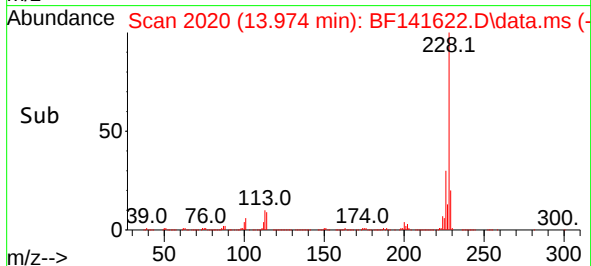
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#84

Bis(2-ethylhexyl)phthalate

Concen: 64.125 ng

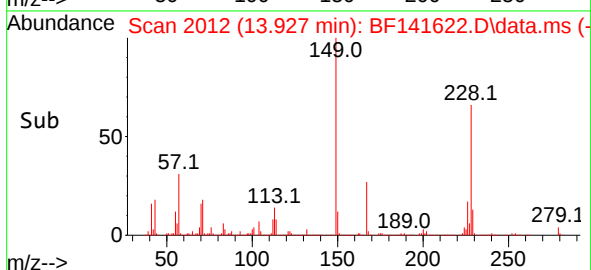
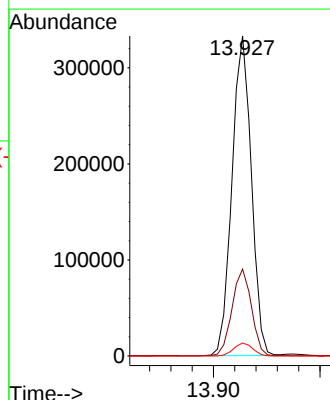
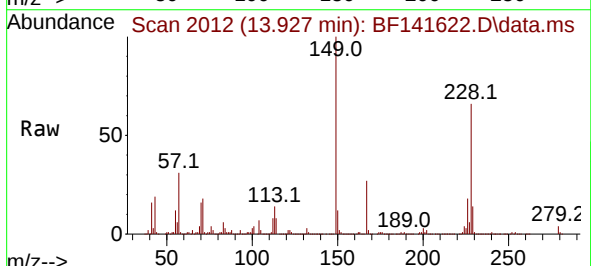
RT: 13.927 min Scan# 2012

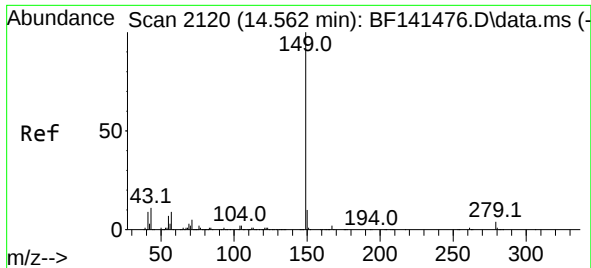
Delta R.T. -0.012 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Tgt Ion:149 Resp: 421005
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.4 32.0
 279 4.0 3.1 4.7





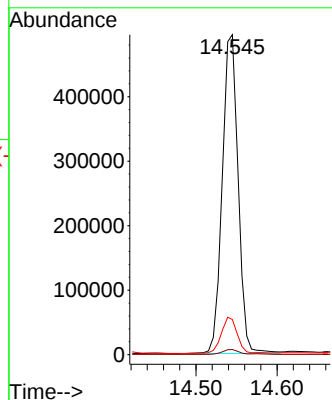
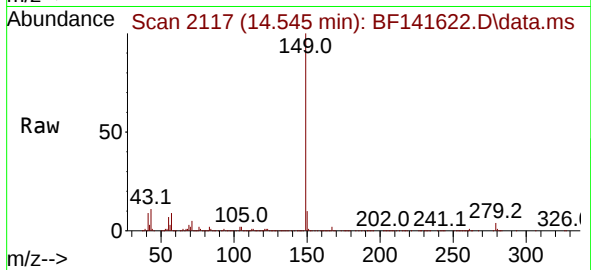
#85
Di-n-octyl phthalate
Concen: 72.113 ng
RT: 14.545 min Scan# 2117
Delta R.T. -0.018 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

Instrument :
BNA_F
ClientSampleId :
346MSD

Tgt Ion:149 Resp: 675420
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.5 9.5 14.3

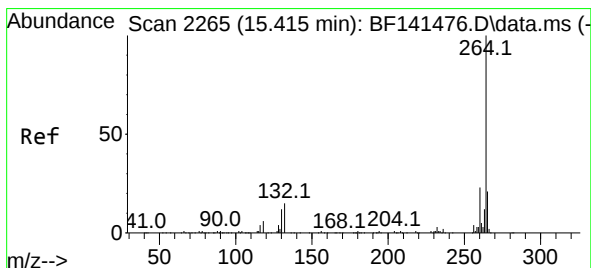
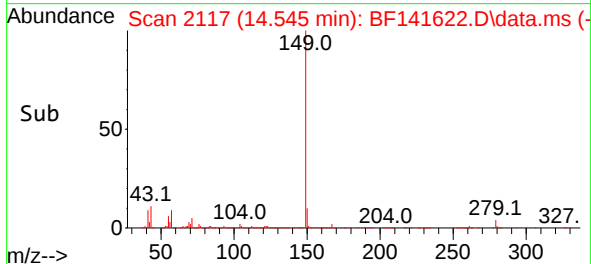
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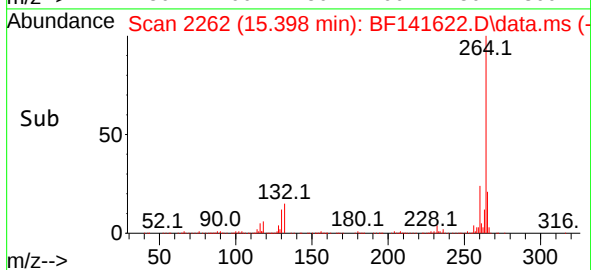
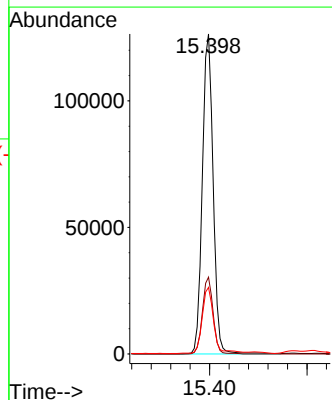
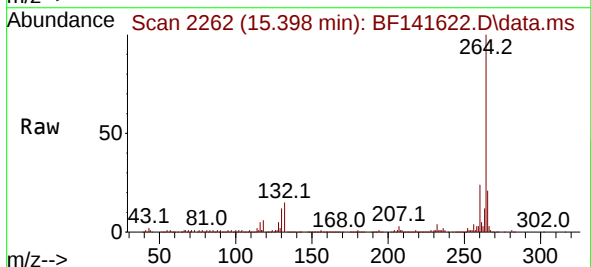
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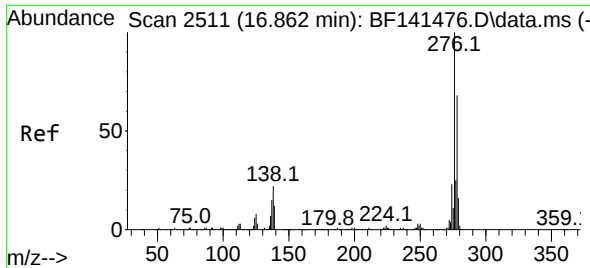
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 2262
Delta R.T. -0.018 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

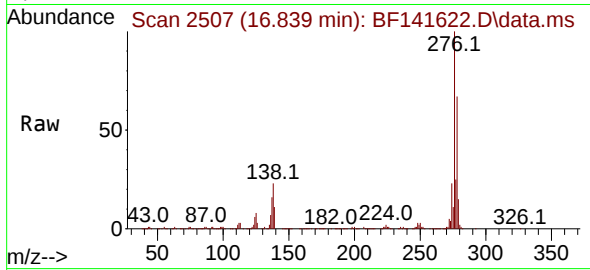
Tgt Ion:264 Resp: 194984
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 20.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.818 ng
RT: 16.839 min Scan# 2107
Delta R.T. -0.035 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

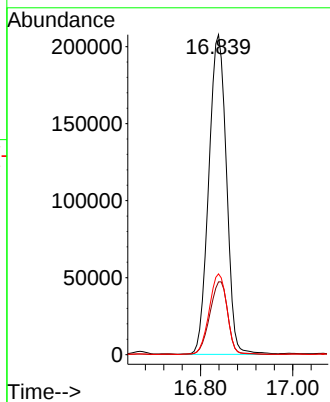
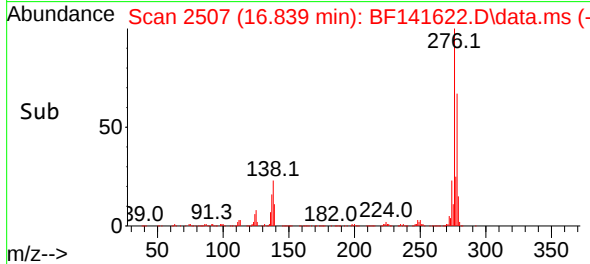
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:276 Resp: 55201
Ion Ratio Lower Upper
276 100
138 23.2 18.0 27.0
277 25.2 20.4 30.6

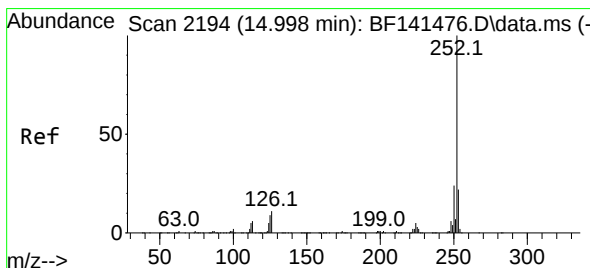
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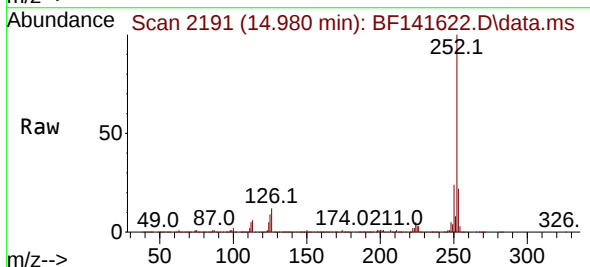


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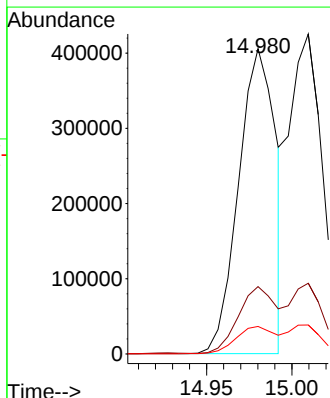
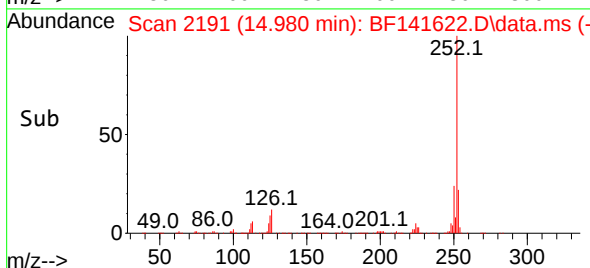
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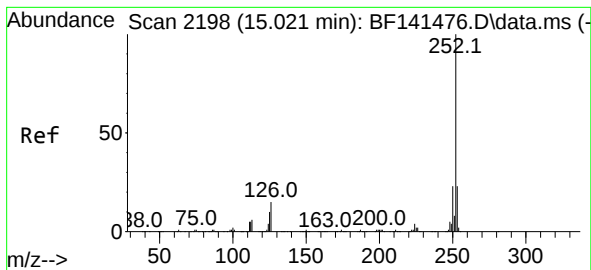


#88
Benzo(b)fluoranthene
Concen: 46.951 ng
RT: 14.980 min Scan# 2191
Delta R.T. -0.023 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34



Tgt Ion:252 Resp: 614700
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.0 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 51.631 ng

RT: 15.010 min Scan# 2198

Delta R.T. -0.023 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

346MSD

Tgt Ion:252 Resp: 57721

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

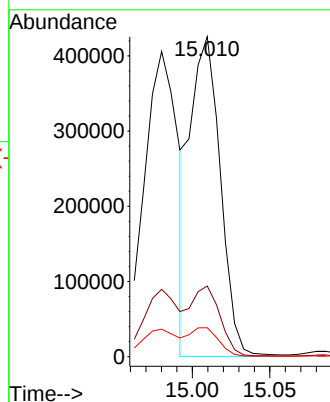
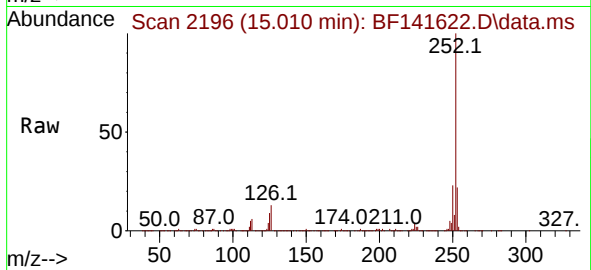
125 9.0 7.4 11.0

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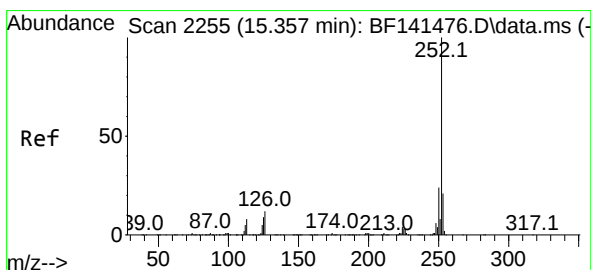
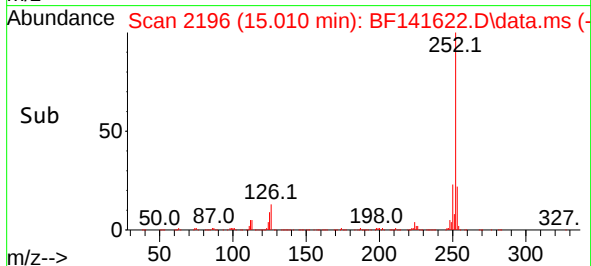
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#90

Benzo(a)pyrene

Concen: 53.080 ng

RT: 15.339 min Scan# 2252

Delta R.T. -0.023 min

Lab File: BF141622.D

Acq: 13 Feb 2025 18:34

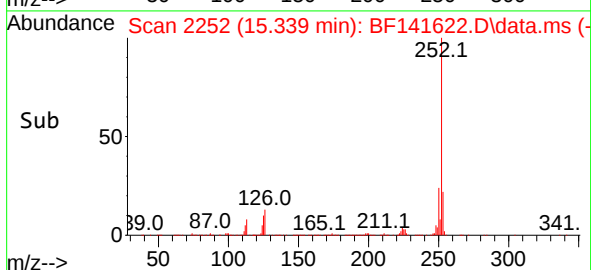
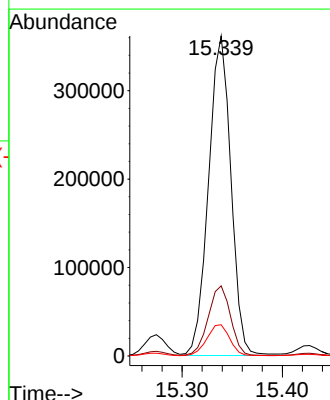
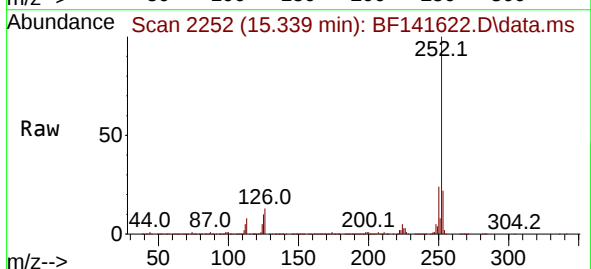
Tgt Ion:252 Resp: 562324

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

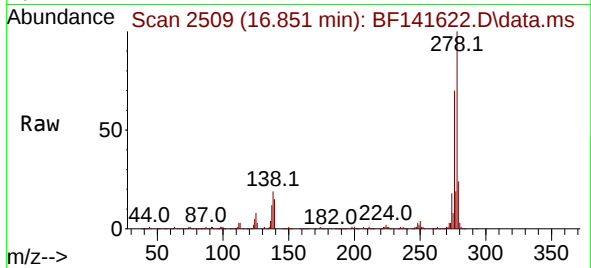
125 9.8 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 45.018 ng
RT: 16.851 min Scan# 2509
Delta R.T. -0.041 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34

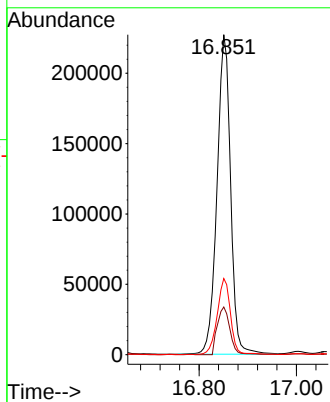
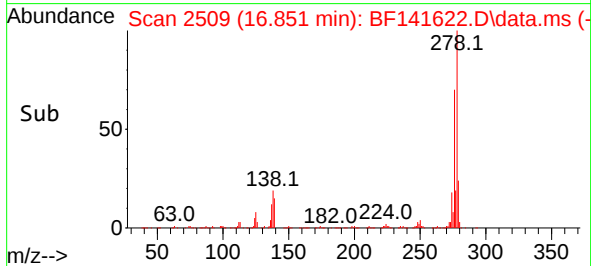
Instrument :
BNA_F
ClientSampleId :
346MSD



Tgt Ion:278 Resp: 439480
Ion Ratio Lower Upper
278 100
139 14.9 11.8 17.6
279 23.8 19.1 28.7

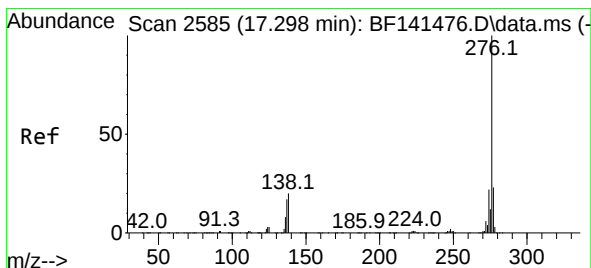
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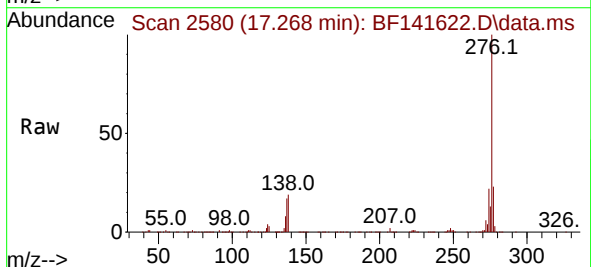


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#92
Benzo(g,h,i)perylene
Concen: 40.453 ng
RT: 17.268 min Scan# 2580
Delta R.T. -0.047 min
Lab File: BF141622.D
Acq: 13 Feb 2025 18:34



Tgt Ion:276 Resp: 413262
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 19.2 15.9 23.9

